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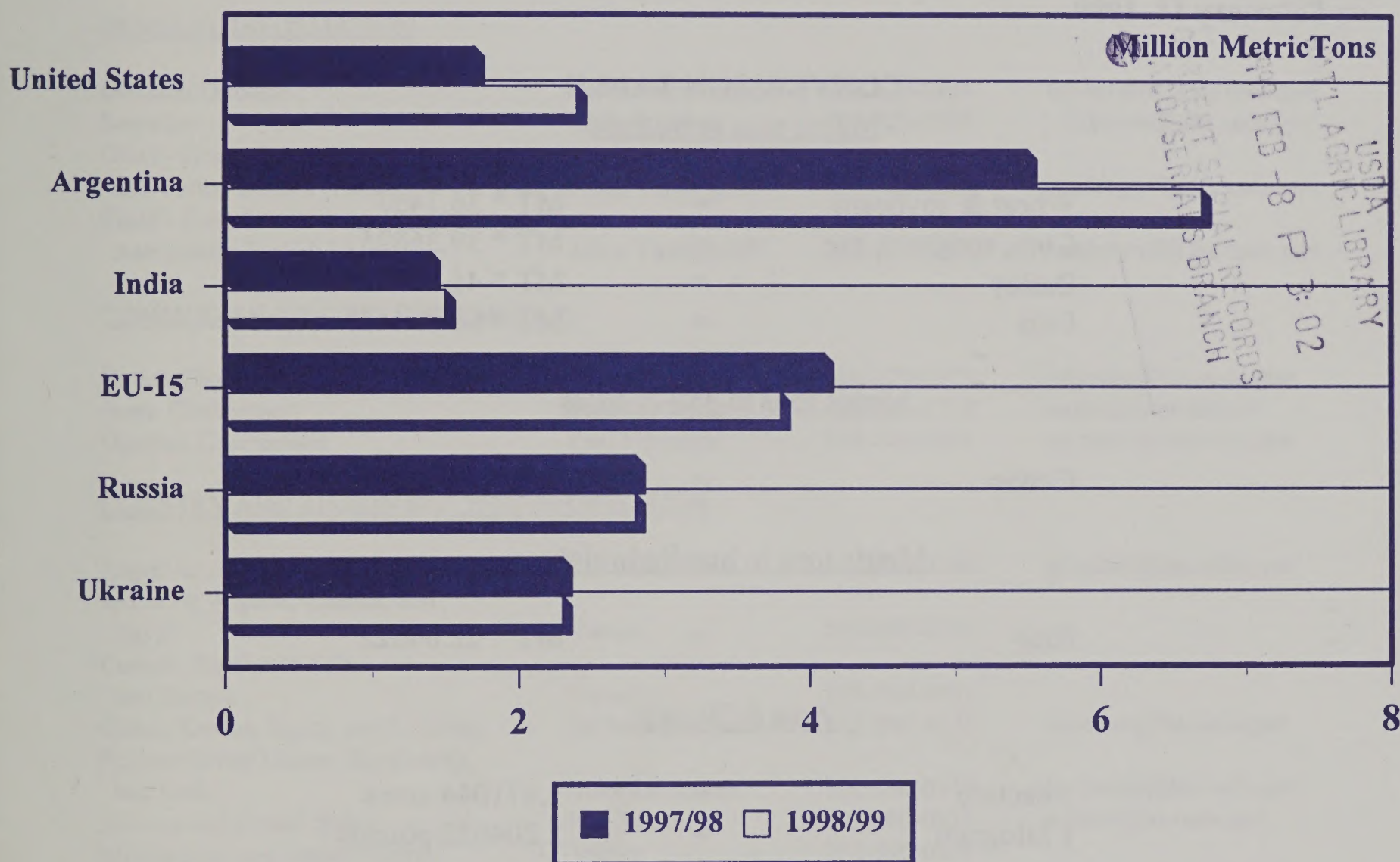
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Department of
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Foreign
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Circular Series
WAP 01-99
January 1999

World Agricultural Production

Key Countries Push World Sunflowerseed Output To Record Level



World sunflowerseed production for 1998/99 is estimated at a record 26.5 million tons, up 11 percent from 1997/98. Strong demand encouraged producers to plant additional area. Favorable weather supports a 22 percent increase in output in Argentina and a 43 percent increase in the United States. Despite sizeable area increases in Russia and the Ukraine, production is down due to extremely dry conditions in southeastern Ukraine and the Volga Valley and due to continuing low usage of inputs. In the European Union, France's output declined as farmers planted more area to winter crops, while Spain's output is estimated down slightly following a record year in 1997/98. Sunflowerseed output in India is estimated marginally higher as internal vegetable oil demand strengthened.

This report draws on information from USDA's global network of agricultural attaches and counselors, official statistics of foreign governments, other foreign source materials, and results of office analysis. Estimates of U.S. acreage, yield, and production are from the USDA's Agricultural Statistics Board, except where noted. This report is based on unrounded data; numbers may not add to totals because of rounding. This report reflects official USDA estimates released in the World Agricultural Supply and Demand Estimates (WASDE-346), January 12, 1999.

This report was prepared by the Production Estimates and Crop Assessment Division (PECAD), FAS/USDA, AgStop 1045, Washington, D.C. 20250-1045. Further information may be obtained by writing to the division, by calling (202) 720-0888, or by FAX (202) 720-8880.

The next issue of World Agricultural Production will be released after 3:30 p.m. Eastern time on February 11, 1999.

CONVERSION TABLE

Metric tons to bushels

Wheat & soybeans	=	MT * 36.7437
Corn, sorghum, rye	=	MT * 39.36825
Barley	=	MT * 45.929625
Oats	=	MT * 68.894438

Metric tons to 480-lb bales

Cotton	=	MT * 4.592917
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Metric tons to hundredweight

Rice	=	MT * 22.04622
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Area & Weight

1 hectare	=	2.471044 acres
1 kilogram	=	2.204622 pounds

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National Agricultural Statistics Service at <http://www.usda.gov/nass>
World Agricultural Outlook Board at <http://www.usda.gov/oce/waob>
Economic Research Service at <http://www.econ.ag.gov>
Joint Agricultural Weather Facility at <http://www.usda.gov/oce/waob/jawf>

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PRODUCTION HIGHLIGHTS FOR 1998/99

January 1999

WHEAT

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MMT	MMT	(%)	(%)	
World	585.7	-0.1	-0	-4	Production is estimated lower as a decrease in the United States more than offset an increase in the total foreign category.
United States	69.4	-0.2	-0	+3	Production is estimated lower due to a reduction in harvested area.
Total Foreign	516.3	+0.1	+0	-5	Production is estimated higher due to an increase in Argentina.
Argentina	10.3	+0.3	+3	-30	Production is estimated higher as favorable December weather boosted yield.

COARSE GRAINS

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MMT	MMT	(%)	(%)	
World	880.5	-1.6	-0	-0	Production is estimated lower as a decrease in the United States more than offset an increase in the total foreign category.
United States	271.6	-2.1	-1	+4	Production is estimated lower mainly due to a reduction in corn area. Corn yield is the second highest on record.
Total Foreign	609.0	+0.5	+0	-2	Production is estimated higher as an increase in Sudan more than offset decreases in Turkey and Tanzania.
Sudan	5.5	+1.2	+28	+43	Production is estimated higher for sorghum and millet based on reports of higher yields.
Yugoslavia	9.2	+0.3	+3	+14	Production is estimated higher based on harvest results primarily increasing corn yield for Serbia.

COARSE GRAINS, continued

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
Turkey	10.4	-0.3	-3	+4	Production is estimated lower due to slight yield reductions for barley and corn.
Tanzania	2.9	-0.3	-9	+3	Production is estimated lower as the second-season short rains have been weak. Corn area and yield are reduced.
Poland	17.2	-0.2	-1	-0	Production is estimated lower due to official statistics indicating a reduction in rye yield.
Kenya	2.7	-0.2	-7	+6	Production is estimated lower due to the late start of the second-season short rains. Corn area and output are lowered.

RICE (MILLED BASIS)

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MMT	MMT	(%)	(%)	
World	337.8	+0.5	+0	-2	Production is estimated higher due to increases in the United States and the total foreign category.
United States	6.1	+0.3	+4	+3	Production is estimated higher based on an increase in harvested area.
Total Foreign	371.7	+0.2	+0	-2	Production is estimated higher as increases in Brazil, Japan, and South Korea more than offset a decrease in Thailand.
Brazil	7.1	+0.3	+5	+23	Production is estimated higher based on favorable weather and increased irrigation supplies. Yield is estimated at a record level.
Japan	8.1	+0.2	+3	-11	Production is estimated higher due to official reports indicating increased yield.
South Korea	5.1	+0.1	+2	-6	Production is estimated slightly higher due to an increase in yield.
Uruguay	0.8	+0.1	+11	+31	Production is estimated at a record level due to an increase in yield and record area.
Thailand	14.3	-0.7	-4	-5	Production is estimated down as the main-season crop was negatively affected by inadequate rainfall in the lower northeast.

OILSEEDS

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MMT	MMT	(%)	(%)	
World	289.4	+1.4	+0	+1	Production is estimated higher due to increases in the United States and the total foreign category.
United States	84.6	+0.4	+0	+2	Production is estimated at a record as increases in total oilseeds more than offset a downward revision in soybean production.
Total Foreign	204.8	+1.0	+0	+1	Production is estimated higher as increases in Brazil, Argentina, and China more than offset decreases in India and Pakistan.
Brazil	30.4	+0.5	+2	-5	Production is forecast up due to improved soil moisture in key soybean areas.
Argentina	25.3	+0.5	+2	-0	Production is forecast higher based on beneficial rainfall in key soybean producing areas.
China	41.0	+0.4	+1	-6	Cottonseed production is estimated higher due to an SSB report raising cotton output.
India	26.5	-0.2	-1	+9	Production is estimated down due to reports of a disappointing soybean harvest in major producing states.
Pakistan	3.6	-0.2	-4	+2	Production is estimated lower because of poor harvest conditions for cottonseed.

PALM OIL

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MMT	MMT	(%)	(%)	
World	17.7	NC	NC	+5	No change this month. Production is estimated at a record.

COTTON

----- 1998/99 -----

<u>Country</u>	<u>Current Estimate</u>	<u>Monthly Change</u>	<u>Monthly Change</u>	<u>Change from 1997/98</u>	<u>Comments</u>
	MBALES	MBALES	(%)	(%)	
World Total	85.1	+0.9	+1	-7	Production is estimated up based on higher production in both the United States and total foreign category.
United States	13.8	+0.3	+3	-27	Production is estimated up due to higher area, offsetting a drop in yield.
Total Foreign	71.3	+0.6	+1	-2	Production is estimated higher as an increase in China more than offset decreases in Pakistan and Argentina.
China	19.8	+1.0	+5	-6	Production is estimated higher due to a recent SSB report. Higher yields in Xinjiang Province more than offset crop losses in some provinces of Central China.
Pakistan	7.2	-0.3	-4	+3	Production is estimated lower due to poor harvest conditions for the second picking in Punjab caused by unfavorable weather.
Argentina	1.4	-0.1	-7	+4	Production is estimated lower due to a decrease in yield potential. Although area is increased slightly, farmers have reduced input use because of low cotton prices.

TABLE 1

U.S. Crop Acreage, Yield, and Production

COMMODITY	Planted Area			Harvested Area			Yield			Production		
	1996/97	1997/98	1998/99 Proj.	1996/97	1997/98	1998/99 Proj.	1996/97	1997/98	1998/99 Proj.	1996/97	1997/98	1998/99 Proj.
	--Million acres--			--Million acres--			--Bushels per acre--			--Million bushels--		
All Wheat	75.1	70.4	65.9	62.8	62.8	59.0	36.3	39.5	43.3	2,277	2,481	2,557
Winter	51.4	48.0	46.4	39.6	41.3	40.1	37.1	44.6	46.9	1,470	1,846	1,887
Other	23.7	22.4	19.5	23.2	21.5	18.9	34.8	29.5	35.4	807	635	670
Soybeans	64.2	70.0	72.4	63.3	69.1	70.8	37.6	38.9	38.6	2,380	2,689	2,763
Corn	79.2	79.5	80.2	72.6	72.7	72.6	127.1	126.7	133.3	9,233	9,207	9,836
Sorghum	13.1	10.1	9.6	11.8	9.2	7.7	67.3	69.2	66.5	795	634	521
Barley	7.1	6.7	6.3	6.7	6.2	5.9	58.5	58.1	59.9	392	360	358
Oats	4.6	5.1	4.9	2.7	2.8	2.8	57.7	59.5	60.5	153	167	170
							--Pounds per acre--			--Million CWT--		
Rice	2.8	3.1	3.4	2.8	3.1	3.3	6,120	5,897	5,660	171.6	183.0	180.4
										--Million 480-pound bales--		
All Cotton	14.7	13.9	13.4	12.9	13.4	10.7	705	673	621	18.9	18.8	13.5

January 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 2
World Crop Production Summary

Commodity	World	Total Foreign	North America			Europe		FSU-12	Asia				South America		Selected Other			All Others			
			United States	Canada	Mexico	Europe Union	Oth. Europe		W. Europe	Eastern Europe	China	India	Indonesia	Paki- stan	Thai- land	Argen- tina	Brazil		Aus- tralia	South Africa	Turkey
---Million metric tons---																					
Wheat	1996/97	582.7	520.8	62.0	29.8	3.5	98.5	2.2	26.1	63.3	110.6	62.1	0.0	16.9	0.0	15.9	3.2	23.7	2.7	16.0	46.2
	1997/98 prel.	609.7	542.2	67.5	24.3	3.5	94.2	1.0	34.4	80.5	123.3	69.3	0.0	16.7	0.0	14.8	2.4	19.4	2.3	16.0	40.2
	1998/99 proj.																				
	Dec.	585.8	516.2	69.6	24.4	3.3	103.4	1.5	33.9	56.9	110.0	66.0	0.0	18.7	0.0	10.0	2.2	21.0	1.5	18.0	45.4
Coarse Grains	1996/97	906.6	640.9	265.7	28.2	26.5	103.8	3.7	50.0	52.1	141.3	34.3	6.0	1.8	4.1	18.9	37.0	10.1	9.6	9.8	103.7
	1997/98 prel.	881.3	620.8	260.4	25.1	23.2	109.4	2.2	58.6	67.9	114.7	31.3	5.7	1.9	3.9	24.7	31.8	9.5	8.1	8.1	95.1
	1998/99 proj.																				
	Dec.	882.2	608.5	273.7	26.5	25.1	104.2	2.9	50.3	39.8	135.7	30.9	6.3	1.9	4.7	17.5	34.3	8.1	9.6	10.7	100.2
Rice (Milled)	1996/97	380.2	374.8	5.5	0.0	0.3	1.6	0.0	0.0	0.7	136.6	81.3	32.1	4.3	13.7	0.8	6.5	1.0	0.0	0.3	95.7
	1997/98 prel.	384.3	378.3	6.0	0.0	0.3	1.7	0.0	0.0	0.8	140.5	82.1	30.2	4.3	15.1	0.7	5.8	1.0	0.0	0.2	95.6
	1998/99 proj.																				
	Dec.	377.4	371.5	5.9	0.0	0.3	1.6	0.0	0.0	0.8	133.0	81.0	33.0	4.6	15.0	0.9	6.8	0.9	0.0	0.2	93.3
Total Grains 1/	1996/97	1869.5	1536.4	333.2	58.0	30.3	203.9	5.9	76.1	116.2	388.5	177.8	38.0	23.0	17.8	35.6	46.6	34.8	12.3	26.1	245.6
	1997/98 prel.	1875.2	1541.3	333.9	49.4	26.9	205.3	3.2	93.0	149.1	378.4	182.7	35.9	22.8	19.0	40.1	40.0	29.8	10.3	24.3	230.9
	1998/99 proj.																				
	Dec.	1845.3	1496.2	349.2	50.9	28.7	209.1	4.4	84.2	97.5	378.7	177.9	39.3	25.2	19.7	28.4	43.3	30.0	11.0	29.0	239.0
Oilseeds 2/	1996/97	1844.0	1496.9	347.1	50.9	28.7	209.2	4.4	84.3	97.5	378.7	177.9	39.3	25.2	19.0	28.7	43.6	30.0	11.0	28.7	239.9
	1996/97	261.1	186.3	74.8	7.3	0.5	13.0	0.1	4.7	8.5	41.4	27.3	2.5	3.7	0.5	17.5	27.5	1.8	0.8	1.9	27.6
	1997/98 prel.	285.2	202.1	83.1	9.2	0.6	15.0	0.1	4.3	9.1	43.4	24.4	2.4	3.5	0.5	25.4	31.8	2.0	0.9	1.9	27.6
	1998/99 proj.																				
Cotton	1996/97	288.0	203.8	84.2	10.5	0.6	15.7	0.1	5.3	8.9	40.7	26.7	2.5	3.8	0.5	24.8	29.8	2.9	1.3	1.9	27.8
	1997/98 prel.	289.4	204.8	84.6	10.5	0.6	15.7	0.1	5.3	8.9	41.0	26.5	2.5	3.6	0.5	25.3	30.3	2.9	1.3	1.9	27.9
	1998/99 proj.																				
	Dec.	89.6	70.6	18.9	0.0	1.1	1.9	0.0	0.0	6.6	19.3	13.9	0.0	7.3	0.0	1.5	1.3	2.8	0.2	3.6	11.1
1997/98 prel.	1996/97	91.4	72.6	18.8	0.0	1.0	2.1	0.0	0.0	7.2	21.1	12.3	0.0	7.0	0.0	1.4	1.8	3.1	0.2	3.7	11.8
	1997/98 prel.																				
	1998/99 proj.																				
	Dec.	84.2	70.7	13.5	0.0	1.0	2.1	0.0	0.0	6.6	18.8	13.0	0.0	7.5	0.0	1.5	1.8	3.3	0.2	3.7	11.1
1997/98 prel.	1996/97	85.1	71.3	13.8	0.0	1.0	2.1	0.0	0.0	6.6	19.8	13.0	0.0	7.2	0.0	1.4	1.8	3.3	0.2	3.7	11.1
	1997/98 prel.																				
	1998/99 proj.																				
	Dec.																				

1/ Includes wheat, coarse grains, and rice (milled) shown above.

2/ Includes soybean, cottonseed, peanut (inshell), sunflowerseed, rapeseed for individual countries. Copra and palm kernel are added to world totals.
Note: Entries of 0.0 indicate no reported or insignificant production.

January 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 3
Wheat Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
World	231.16	229.58	225.88	225.89	2.52	2.66	2.59	2.59	582.74	609.71	585.77	585.69	-0.08	-0.01	-24.02	-3.94
United States	25.42	25.43	23.92	23.88	2.44	2.66	2.91	2.91	61.98	67.53	69.60	69.41	-0.19	-0.28	1.88	2.78
Total Foreign	205.73	204.15	201.96	202.01	2.53	2.66	2.56	2.56	520.76	542.17	516.17	516.28	0.11	0.02	-25.90	-4.78
Major Exporters																
European Union	47.44	44.55	43.87	43.97	3.54	3.43	3.62	3.62	167.91	152.71	158.76	159.06	0.30	0.19	6.35	4.16
France	16.74	17.13	17.05	17.05	5.89	5.50	6.06	6.06	98.51	94.21	103.36	103.36	0.00	0.00	9.15	9.71
United Kingdom	5.02	5.11	5.25	5.25	7.15	6.61	7.65	7.65	35.94	33.76	40.10	40.10	0.00	0.00	6.34	18.77
Germany	1.98	2.04	2.10	2.10	8.15	7.39	7.38	7.38	16.10	15.05	15.50	15.50	0.00	0.00	0.45	2.99
Canada	2.59	2.72	2.79	2.79	7.29	7.29	7.20	7.20	18.92	19.83	20.10	20.10	0.00	0.00	0.27	1.38
Australia	12.26	11.41	10.77	10.77	2.43	2.13	2.27	2.27	29.80	24.28	24.40	24.40	0.00	0.00	0.12	0.49
Argentina	11.34	10.31	11.45	11.45	2.09	1.88	1.83	1.83	23.70	19.42	21.00	21.00	0.00	0.00	1.58	8.15
	7.10	5.70	4.60	4.70	2.24	2.60	2.17	2.19	15.90	14.80	10.00	10.30	0.30	3.00	-4.50	-30.41
Major Importers																
China	92.65	93.92	91.37	91.37	2.33	2.67	2.35	2.35	216.24	250.33	214.87	214.87	0.00	0.00	-35.46	-14.17
FSU-12	29.61	30.06	29.80	29.80	3.73	4.10	3.69	3.69	110.57	123.30	110.00	110.00	0.00	0.00	-13.30	-10.79
Russia	47.73	48.37	45.87	45.87	1.33	1.66	1.24	1.24	63.30	80.51	56.90	56.90	0.00	0.00	-23.61	-29.33
Ukraine	25.72	26.10	25.90	25.90	1.36	1.69	1.04	1.04	34.90	44.20	27.00	27.00	0.00	0.00	-17.20	-38.91
Kazakhstan	5.89	6.50	5.90	5.90	2.30	2.83	2.54	2.54	13.55	18.40	15.00	15.00	0.00	0.00	-3.40	-18.48
Baltic States	12.20	11.50	10.00	10.00	0.63	0.78	0.50	0.50	7.70	8.95	5.00	5.00	0.00	0.00	-3.95	-44.13
Eastern Europe	0.52	0.57	0.58	0.58	2.68	2.69	2.61	2.61	1.40	1.55	1.50	1.50	0.00	0.00	-0.04	-2.91
Poland	8.73	9.86	9.58	9.58	2.99	3.49	3.54	3.54	26.13	34.41	33.87	33.87	0.00	0.00	-0.54	-1.57
Romania	2.48	2.56	2.58	2.58	3.46	3.21	3.69	3.69	8.58	8.19	9.50	9.50	0.00	0.00	1.31	15.95
Egypt	1.80	2.35	2.00	2.00	1.76	3.06	2.60	2.60	3.17	7.19	5.20	5.20	0.00	0.00	-1.99	-27.64
Morocco	1.02	1.04	1.05	1.05	5.64	5.60	5.71	5.71	5.74	5.85	6.00	6.00	0.00	0.00	0.15	2.56
Brazil	3.21	2.49	3.10	3.10	1.84	0.93	1.42	1.42	5.92	2.32	4.40	4.40	0.00	0.00	2.08	89.90
	1.83	1.52	1.40	1.40	1.74	1.58	1.57	1.57	3.20	2.40	2.20	2.20	0.00	0.00	-0.20	-8.33
Other Foreign																
India	65.65	65.68	66.72	66.67	2.08	2.12	2.14	2.14	136.61	139.13	142.54	142.35	-0.19	-0.13	3.21	2.31
Turkey	25.01	25.93	26.26	26.26	2.48	2.67	2.51	2.51	62.10	69.28	66.05	66.05	0.00	0.00	-3.23	-4.66
Pakistan	8.45	8.50	8.60	8.60	1.89	1.88	2.09	2.09	16.00	16.00	18.00	18.00	0.00	0.00	2.00	12.50
Mexico	8.38	8.11	8.40	8.36	2.02	2.05	2.23	2.24	16.91	16.65	18.70	18.70	0.00	0.00	2.05	12.31
Saudi Arabia	0.81	0.81	0.80	0.80	3.84	4.32	4.13	4.13	3.11	3.50	3.30	3.30	0.00	0.00	-0.20	-5.71
South Africa	0.27	0.34	0.34	0.34	4.53	5.36	5.37	5.37	1.20	1.80	1.80	1.80	0.00	0.00	0.00	0.00
Others	1.29	1.38	0.75	0.75	2.09	1.65	1.97	1.97	2.70	2.28	1.48	1.48	0.00	0.00	-0.81	-35.39
	21.44	20.61	21.57	21.57	1.61	1.44	1.54	1.53	34.60	29.63	33.21	33.02	-0.19	-0.57	3.40	11.47

TABLE 4
Total Coarse Grain Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	322.60	311.61	308.65	308.01	2.81	2.83	2.86	2.86	906.59	881.27	882.18	880.54	-1.64	-0.19	-0.73	-0.08
United States	38.11	36.89	36.78	36.17	6.97	7.06	7.44	7.51	265.71	260.43	273.67	271.55	-2.12	-0.78	11.12	4.27
Total Foreign	284.50	274.72	271.87	271.84	2.25	2.26	2.24	2.24	640.88	620.84	608.51	608.99	0.48	0.08	-11.85	-1.91
Major Exporters	23.57	22.52	21.59	21.59	3.01	3.16	3.07	3.07	70.95	71.21	66.35	66.35	0.00	0.00	-4.86	-6.83
Canada	8.00	7.59	7.38	7.38	3.52	3.31	3.59	3.59	28.19	25.12	26.50	26.50	0.00	0.00	1.38	5.50
Argentina	4.66	4.67	4.15	4.15	4.06	5.28	4.21	4.21	18.93	24.67	17.49	17.49	0.00	0.00	-7.18	-29.12
Australia	5.20	5.08	4.54	4.54	1.95	1.86	1.79	1.79	10.15	9.47	8.11	8.11	0.00	0.00	-1.36	-14.39
South Africa	4.34	3.94	4.16	4.16	2.21	2.05	2.30	2.30	9.58	8.06	9.56	9.56	0.00	0.00	1.50	18.65
Thailand	1.36	1.24	1.36	1.36	3.01	3.15	3.46	3.46	4.10	3.90	4.70	4.70	0.00	0.00	0.80	20.51
Major Importers	86.81	87.41	81.28	81.30	2.73	3.01	2.75	2.75	236.79	263.47	223.78	223.85	0.08	0.03	-39.62	-15.04
FSU-12	38.28	39.38	33.66	33.66	1.36	1.72	1.18	1.18	52.15	67.87	39.81	39.81	0.00	0.00	-28.06	-41.34
Russia	24.76	25.19	21.80	21.80	1.28	1.62	0.96	0.96	31.65	40.85	20.90	20.90	0.00	0.00	-19.95	-48.84
Ukraine	5.34	6.80	5.76	5.76	1.78	2.26	1.79	1.79	9.51	15.35	10.30	10.30	0.00	0.00	-5.05	-32.90
Kazakhstan	4.55	3.96	2.69	2.69	0.71	0.80	0.52	0.52	3.23	3.16	1.39	1.39	0.00	0.00	-1.77	-56.01
Baltic States	1.20	1.23	1.23	1.23	2.20	2.25	2.24	2.24	2.65	2.77	2.76	2.76	0.00	0.00	-0.01	-0.33
European Union	19.64	20.45	19.85	19.82	5.28	5.35	5.25	5.26	103.75	109.39	104.15	104.15	0.00	0.00	-5.24	-4.79
Germany	4.11	4.30	4.22	4.22	5.64	5.97	5.74	5.74	23.21	25.66	24.24	24.24	0.00	0.00	-1.42	-5.53
France	3.67	3.99	3.89	3.89	7.07	7.32	7.18	7.18	25.96	29.21	27.96	27.96	0.00	0.00	-1.25	-4.28
Eastern Europe	16.36	16.41	16.12	16.17	3.05	3.57	3.12	3.11	49.96	58.58	50.28	50.36	0.08	0.15	-8.23	-14.04
Poland	6.24	6.34	6.28	6.28	2.68	2.71	2.77	2.73	16.72	17.21	17.38	17.18	-0.20	-1.15	-0.03	-0.19
Romania	4.04	3.88	3.90	3.90	2.74	3.86	2.50	2.50	11.06	14.95	9.76	9.76	0.00	0.00	-5.20	-34.77
Czech Rep.	0.76	0.84	0.76	0.76	3.73	3.79	3.68	3.68	2.85	3.19	2.78	2.78	0.00	0.00	-0.42	-13.12
Mexico	10.97	9.57	10.08	10.08	2.42	2.42	2.49	2.49	26.49	23.16	25.10	25.10	0.00	0.00	1.94	8.38
Other W. Europe	0.38	0.37	0.35	0.35	4.74	4.58	4.78	4.78	1.79	1.70	1.67	1.67	0.00	0.00	-0.03	-1.65
Other Foreign	174.12	164.79	169.00	168.94	1.91	1.74	1.88	1.89	333.14	286.16	318.39	318.79	0.40	0.13	32.63	11.40
China	29.10	28.05	28.50	28.50	4.86	4.09	4.76	4.76	141.32	114.65	135.65	135.65	0.00	0.00	21.00	18.31
India	32.16	31.07	31.45	31.45	1.07	1.01	0.98	0.98	34.35	31.28	30.90	30.90	0.00	0.00	-0.38	-1.20
Brazil	14.48	12.19	13.29	13.29	2.55	2.61	2.58	2.58	36.99	31.81	34.31	34.31	0.00	0.00	2.50	7.86
Turkey	4.63	4.73	4.68	4.68	2.12	2.12	2.29	2.23	9.83	10.03	10.73	10.43	-0.30	-2.80	0.40	3.99
Indonesia	3.20	2.90	3.20	3.20	1.86	1.97	1.97	1.97	5.95	5.70	6.30	6.30	0.00	0.00	0.60	10.53
Philippines	2.72	2.40	2.75	2.75	1.55	1.48	1.53	1.53	4.22	3.55	4.20	4.20	0.00	0.00	0.65	18.31
Others	87.82	83.46	85.13	85.07	1.14	1.07	1.13	1.14	100.49	89.15	96.30	97.01	0.70	0.73	7.85	8.81

TABLE 5
Corn Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
World	140.86	135.99	139.08	138.23	4.19	4.22	4.29	4.30	590.40	573.98	597.04	594.74	-2.30	-0.39	20.76	3.62
United States	29.40	29.41	29.86	29.38	7.98	7.95	8.37	8.44	234.52	233.86	249.85	247.94	-1.90	-0.76	14.08	6.02
Total Foreign	111.46	106.59	109.22	108.85	3.19	3.19	3.18	3.19	355.88	340.12	347.19	346.79	-0.40	-0.12	6.68	1.96
Major Exporters																
Argentina	7.96	7.21	7.20	7.20	3.57	4.24	3.75	3.75	28.41	30.61	27.00	27.00	0.00	0.00	-3.61	-11.79
South Africa	3.40	3.18	2.80	2.80	4.56	6.10	4.82	4.82	15.50	19.36	13.50	13.50	0.00	0.00	-5.86	-30.27
Thailand	3.36	2.96	3.20	3.20	2.68	2.55	2.81	2.81	9.01	7.55	9.00	9.00	0.00	0.00	1.45	19.21
	1.20	1.08	1.20	1.20	3.25	3.43	3.75	3.75	3.90	3.70	4.50	4.50	0.00	0.00	0.80	21.62
Major Importers																
Eastern Europe	21.59	21.93	21.09	21.07	3.94	4.49	3.89	3.90	85.01	98.41	82.07	82.27	0.20	0.24	-16.15	-16.41
Romania	7.18	6.91	6.92	6.93	3.63	4.61	3.58	3.60	26.05	31.89	24.73	24.93	0.20	0.81	-6.95	-21.81
Yugoslavia	3.29	3.03	3.13	3.13	2.92	4.18	2.56	2.56	9.61	12.68	8.00	8.00	0.00	0.00	-4.68	-36.91
European Union	2.14	2.12	2.08	2.12	3.79	4.59	3.86	3.88	8.10	9.70	8.00	8.20	0.20	2.50	-1.50	-15.46
France	4.10	4.26	4.07	4.04	8.50	9.06	8.36	8.43	34.79	38.60	34.06	34.06	0.00	0.00	-4.54	-11.76
Italy	1.72	1.84	1.80	1.80	8.41	9.10	8.22	8.22	14.43	16.75	14.80	14.80	0.00	0.00	-1.95	-11.66
Mexico	1.02	1.04	0.94	0.94	9.33	9.79	9.15	9.15	9.55	10.14	8.60	8.60	0.00	0.00	-1.54	-15.16
FSU-12	8.23	7.40	7.70	7.70	2.30	2.30	2.34	2.34	18.92	17.00	18.00	18.00	0.00	0.00	1.00	5.88
Russia	2.00	3.28	2.34	2.34	2.37	3.19	2.09	2.09	4.73	10.46	4.89	4.89	0.00	0.00	-5.57	-53.28
Ukraine	0.62	0.85	0.80	0.80	1.78	3.18	1.25	1.25	1.10	2.70	1.00	1.00	0.00	0.00	-1.70	-62.96
Other W. Europe	0.67	1.65	0.70	0.70	2.74	3.21	2.29	2.29	1.84	5.30	1.60	1.60	0.00	0.00	-3.70	-69.81
Others	0.02	0.03	0.02	0.02	8.96	8.80	8.41	8.41	0.22	0.22	0.19	0.19	0.00	0.00	-0.04	-15.91
	0.07	0.06	0.05	0.05	4.49	4.48	4.41	4.41	0.29	0.25	0.20	0.20	0.00	0.00	-0.05	-19.12
Other Foreign																
China	81.90	77.44	80.93	80.58	2.96	2.73	2.94	2.95	242.46	211.09	238.13	237.53	-0.60	-0.25	26.43	12.52
Brazil	24.50	23.78	24.25	24.25	5.20	4.39	5.11	5.11	127.47	104.30	124.00	124.00	0.00	0.00	19.70	18.89
India	13.88	11.60	12.70	12.70	2.61	2.67	2.64	2.64	36.16	31.00	33.50	33.50	0.00	0.00	2.50	8.06
Canada	6.25	6.31	6.10	6.10	1.70	1.76	1.56	1.56	10.61	11.09	9.50	9.50	0.00	0.00	-1.59	-14.32
Indonesia	1.06	1.01	1.12	1.12	6.98	7.10	7.96	7.96	7.38	7.18	8.90	8.90	0.00	0.00	1.72	23.96
Philippines	3.20	2.90	3.20	3.20	1.86	1.97	1.97	1.97	5.95	5.70	6.30	6.30	0.00	0.00	0.60	10.53
Egypt	2.72	2.40	2.75	2.75	1.55	1.48	1.53	1.53	4.22	3.55	4.20	4.20	0.00	0.00	0.65	18.31
Zimbabwe	0.88	0.84	0.94	0.94	6.65	7.18	6.74	6.74	5.83	6.01	6.30	6.30	0.00	0.00	0.29	4.83
Others	1.64	1.23	1.45	1.45	1.10	1.22	1.31	1.31	1.80	1.50	1.90	1.90	0.00	0.00	0.40	26.67
	27.79	27.39	28.43	28.08	1.55	1.49	1.53	1.53	43.05	40.76	43.53	42.93	-0.60	-1.38	2.16	5.30

January 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 6
Barley Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	66.47	65.46	60.55	60.54	2.31	2.36	2.28	2.27	153.77	154.75	137.77	137.50	-0.27	-0.19	-17.25	-11.15
United States	2.71	2.51	2.42	2.37	3.15	3.12	3.22	3.23	8.54	7.84	7.80	7.67	-0.13	-1.60	-0.16	-2.05
Total Foreign	63.75	62.95	58.13	58.16	2.28	2.33	2.24	2.23	145.22	146.92	129.97	129.83	-0.14	-0.11	-17.09	-11.63
European Union	11.38	11.84	11.35	11.35	4.55	4.44	4.57	4.57	51.72	52.54	51.90	51.90	0.00	0.00	-0.64	-1.22
Denmark	0.74	0.72	0.67	0.67	5.36	5.40	5.32	5.32	3.95	3.89	3.55	3.55	0.00	0.00	-0.34	-8.67
France	1.53	1.68	1.61	1.61	6.25	6.06	6.63	6.63	9.54	10.18	10.70	10.70	0.00	0.00	0.52	5.10
Germany	2.21	2.27	2.18	2.18	5.47	5.89	5.75	5.75	12.07	13.40	12.50	12.50	0.00	0.00	-0.90	-6.71
Italy	0.36	0.34	0.34	0.34	3.76	3.25	3.68	3.68	1.35	1.09	1.25	1.25	0.00	0.00	0.16	14.68
Spain	3.53	3.71	3.59	3.59	2.72	2.32	3.06	3.06	9.60	8.60	11.00	11.00	0.00	0.00	2.40	27.91
United Kingdom	1.27	1.33	1.27	1.27	6.14	5.91	5.20	5.20	7.78	7.85	6.60	6.60	0.00	0.00	-1.25	-15.92
FSU-12	20.54	20.96	17.01	17.01	1.35	1.63	1.14	1.14	27.76	34.11	19.39	19.39	0.00	0.00	-14.72	-43.15
Russia	11.85	12.60	10.00	10.00	1.34	1.65	0.95	0.95	15.90	20.80	9.50	9.50	0.00	0.00	-11.30	-54.33
Ukraine	3.43	3.70	3.50	3.50	1.67	2.00	1.77	1.77	5.73	7.40	6.20	6.20	0.00	0.00	-1.20	-16.22
Kazakhstan	3.60	3.20	2.10	2.10	0.75	0.81	0.48	0.48	2.70	2.60	1.00	1.00	0.00	0.00	-1.60	-61.54
Baltic States	0.81	0.83	0.83	0.83	2.30	2.33	2.33	2.33	1.87	1.94	1.93	1.93	0.00	0.00	-0.01	-0.52
Eastern Europe	3.34	3.69	3.44	3.48	2.85	3.27	3.09	3.07	9.52	12.09	10.61	10.66	0.06	0.52	-1.42	-11.79
Poland	1.13	1.24	1.20	1.20	3.04	3.11	3.00	3.00	3.44	3.87	3.60	3.60	0.00	0.00	-0.27	-6.88
Czech Rep.	0.60	0.65	0.58	0.58	3.77	3.84	3.66	3.66	2.26	2.49	2.13	2.13	0.00	0.00	-0.36	-14.49
Romania	0.50	0.62	0.55	0.55	2.22	3.06	2.55	2.55	1.11	1.89	1.40	1.40	0.00	0.00	-0.49	-25.89
Canada	4.89	4.70	4.27	4.27	3.18	2.88	2.97	2.97	15.56	13.53	12.70	12.70	0.00	0.00	-0.83	-6.11
Other W. Europe	0.23	0.23	0.21	0.21	4.49	4.33	4.72	4.72	1.03	0.97	0.97	0.97	0.00	0.00	-0.01	-0.72
Norway	0.18	0.18	0.16	0.16	3.83	3.77	4.05	4.05	0.67	0.66	0.64	0.64	0.00	0.00	-0.02	-3.03
Turkey	3.65	3.70	3.60	3.60	1.97	1.97	2.17	2.11	7.20	7.30	7.80	7.60	-0.20	-2.56	0.30	4.11
Australia	3.41	3.46	3.00	3.00	2.00	1.86	1.77	1.77	6.81	6.43	5.30	5.30	0.00	0.00	-1.13	-17.54
China	1.30	1.30	1.20	1.20	3.08	3.08	2.92	2.92	4.00	4.00	3.50	3.50	0.00	0.00	-0.50	-12.50
Morocco	2.43	2.00	2.30	2.30	1.58	0.66	0.87	0.87	3.83	1.32	2.00	2.00	0.00	0.00	0.68	51.06
India	0.82	0.76	0.85	0.85	1.83	1.89	2.00	2.00	1.51	1.44	1.70	1.70	0.00	0.00	0.26	18.38
Others	10.95	9.50	10.08	10.07	1.32	1.19	1.21	1.21	14.42	11.25	12.17	12.18	0.00	0.03	0.92	8.22

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TABLE 7

Oats Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	17.68	16.99	16.45	16.44	1.73	1.83	1.61	1.61	30.54	31.02	26.54	26.52	-0.02	-0.08	-4.49	-14.49
United States	1.07	1.14	1.14	1.12	2.07	2.13	2.17	2.17	2.22	2.43	2.47	2.43	-0.04	-1.62	-0.00	-0.08
Total Foreign	16.60	15.85	15.32	15.32	1.71	1.80	1.57	1.57	28.32	28.59	24.08	24.10	0.02	0.08	-4.49	-15.71
FSU-12	8.17	7.79	7.25	7.25	1.23	1.47	1.01	1.01	10.03	11.48	7.31	7.31	0.00	0.00	-4.17	-36.31
Russia	6.93	6.50	6.00	6.00	1.20	1.45	0.92	0.92	8.30	9.40	5.50	5.50	0.00	0.00	-3.90	-41.49
Ukraine	0.48	0.55	0.63	0.63	1.51	1.82	1.44	1.44	0.73	1.00	0.90	0.90	0.00	0.00	-0.10	-10.00
Belarus	0.30	0.34	0.30	0.30	2.33	2.06	2.33	2.33	0.70	0.70	0.70	0.70	0.00	0.00	0.00	0.00
Baltic States	0.16	0.16	0.16	0.16	2.04	2.13	2.13	2.13	0.32	0.34	0.34	0.34	0.00	0.00	0.00	1.19
Maj. Foreign Exporters																
Canada	3.02	2.72	2.67	2.67	2.11	2.05	2.07	2.07	6.37	5.58	5.51	5.51	0.00	0.00	-0.07	-1.20
Australia	1.68	1.50	1.59	1.59	2.59	2.32	2.49	2.49	4.36	3.49	3.96	3.96	0.00	0.00	0.47	13.57
Argentina	1.09	0.93	0.80	0.80	1.56	1.70	1.50	1.50	1.70	1.58	1.20	1.20	0.00	0.00	-0.38	-24.05
	0.25	0.29	0.28	0.28	1.24	1.76	1.27	1.27	0.31	0.51	0.35	0.35	0.00	0.00	-0.16	-31.37
Other Foreign	5.62	5.56	5.62	5.62	2.29	2.24	2.12	2.12	12.86	12.44	11.89	11.91	0.02	0.17	-0.53	-4.24
China	0.50	0.45	0.55	0.55	1.20	0.89	1.18	1.18	0.60	0.40	0.65	0.65	0.00	0.00	0.25	62.50
European Union	1.94	1.99	1.91	1.91	3.56	3.35	3.29	3.29	6.89	6.66	6.29	6.29	0.00	0.00	-0.37	-5.52
France	0.14	0.13	0.14	0.14	4.41	4.24	4.70	4.70	0.62	0.56	0.64	0.64	0.00	0.00	0.07	12.59
Germany	0.30	0.31	0.26	0.26	5.32	5.16	4.94	4.94	1.61	1.60	1.30	1.30	0.00	0.00	-0.30	-18.70
Italy	0.14	0.14	0.14	0.14	2.46	1.98	2.45	2.45	0.35	0.28	0.34	0.34	0.00	0.00	0.07	23.64
Finland	0.37	0.37	0.38	0.38	3.37	3.37	2.59	2.59	1.26	1.24	0.98	0.98	0.00	0.00	-0.27	-21.56
Sweden	0.28	0.32	0.31	0.31	4.32	4.05	3.87	3.87	1.20	1.28	1.20	1.20	0.00	0.00	-0.07	-5.88
Eastern Europe	1.16	1.14	1.11	1.11	2.17	2.34	2.21	2.22	2.53	2.67	2.45	2.47	0.02	0.82	-0.21	-7.75
Czech Rep.	0.07	0.08	0.06	0.06	3.24	3.17	3.17	3.17	0.21	0.25	0.19	0.19	0.00	0.00	-0.06	-23.08
Poland	0.63	0.63	0.60	0.60	2.53	2.60	2.50	2.50	1.58	1.63	1.50	1.50	0.00	0.00	-0.13	-7.98
Yugoslavia	0.13	0.13	0.13	0.13	1.73	1.88	1.84	1.80	0.23	0.24	0.23	0.24	0.01	4.35	0.00	2.13
Norway	0.10	0.09	0.10	0.10	4.18	3.90	3.94	3.94	0.40	0.36	0.38	0.38	0.00	0.00	0.02	4.13
Turkey	0.15	0.14	0.15	0.15	1.72	1.79	1.72	1.72	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Others	1.41	1.37	1.43	1.43	0.66	0.62	0.63	0.63	0.93	0.85	0.90	0.90	0.00	0.00	0.05	6.01

TABLE 8
Rye Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production							
	1996/97		1997/98		1998/99 Proj.		Prel.		1996/97		1997/98		Prel.		1998/99 Proj.		From last month		From last year	
																		MMT	Percent	MMT
World	10.76	10.40	10.69	10.68	2.06	2.35	2.03	2.01	22.22	24.42	21.71	21.49	-0.23	-1.04	-2.93	-12.01				
United States	0.14	0.13	0.18	0.17	1.62	1.62	1.77	1.78	0.23	0.21	0.33	0.30	-0.03	-7.98	0.09	44.93				
Total Foreign	10.62	10.27	10.51	10.51	2.07	2.36	2.04	2.02	22.00	24.21	21.39	21.19	-0.20	-0.94	-3.02	-12.49				
FSU-12	5.96	5.67	5.71	5.71	1.51	1.94	1.29	1.29	9.00	11.02	7.37	7.37	0.00	0.00	-3.65	-33.12				
Russia	4.13	4.00	4.00	4.00	1.43	1.88	1.13	1.13	5.90	7.50	4.50	4.50	0.00	0.00	-3.00	-40.00				
Ukraine	0.63	0.70	0.74	0.74	1.75	1.93	1.63	1.63	1.10	1.35	1.20	1.20	0.00	0.00	-0.15	-11.11				
Belarus	1.05	0.89	0.90	0.90	1.81	2.36	1.78	1.78	1.90	2.10	1.60	1.60	0.00	0.00	-0.50	-23.81				
Baltic States	0.23	0.24	0.24	0.24	1.98	2.08	2.04	2.04	0.46	0.49	0.49	0.49	0.00	0.00	-0.00	-0.61				
Major Exporter																				
Canada	0.16	0.16	0.20	0.20	1.91	1.98	1.95	1.95	0.31	0.32	0.40	0.40	0.00	0.00	0.08	24.38				
Other Foreign	4.27	4.21	4.35	4.35	2.86	2.94	3.02	2.97	12.22	12.38	13.13	12.93	-0.20	-1.52	0.55	4.44				
Eastern Europe	2.66	2.55	2.59	2.59	2.32	2.33	2.51	2.43	6.16	5.93	6.50	6.30	-0.20	-3.08	0.36	6.10				
Hungary	0.07	0.07	0.07	0.07	1.43	2.00	1.79	1.79	0.10	0.14	0.13	0.13	0.00	0.00	-0.02	-10.71				
Poland	2.42	2.30	2.35	2.35	2.34	2.31	2.51	2.43	5.65	5.30	5.90	5.70	-0.20	-3.39	0.40	7.55				
Czech Rep.	0.06	0.08	0.08	0.08	3.19	3.41	3.47	3.47	0.20	0.26	0.26	0.26	0.00	0.00	0.00	0.39				
European Union	1.32	1.34	1.45	1.45	4.30	4.51	4.32	4.32	5.68	6.03	6.24	6.24	0.00	0.00	0.21	3.45				
Denmark	0.07	0.08	0.11	0.11	4.76	5.39	4.76	4.76	0.34	0.45	0.50	0.50	0.00	0.00	0.05	10.38				
France	0.05	0.05	0.05	0.05	4.59	4.40	4.56	4.56	0.23	0.21	0.21	0.21	0.00	0.00	-0.00	-0.97				
Germany	0.81	0.85	0.93	0.93	5.21	5.41	5.10	5.10	4.21	4.58	4.74	4.74	0.00	0.00	0.16	3.49				
Spain	0.17	0.15	0.15	0.15	1.74	1.48	1.50	1.50	0.30	0.23	0.23	0.23	0.00	0.00	0.00	0.00				
Austria	0.05	0.06	0.06	0.06	2.96	3.63	3.64	3.64	0.15	0.21	0.20	0.20	0.00	0.00	-0.01	-3.38				
Sweden	0.03	0.03	0.04	0.04	5.52	5.17	4.57	4.57	0.18	0.15	0.16	0.16	0.00	0.00	0.01	6.67				
Turkey	0.18	0.18	0.18	0.18	1.39	1.39	1.39	1.39	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.00				
Others	0.11	0.14	0.13	0.13	1.15	1.17	1.05	1.05	0.13	0.16	0.14	0.14	-0.00	-0.00	-0.02	-12.58				

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TABLE 9
Sorghum Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons							
World	45.18	41.39	40.81	40.97	1.53	1.40	1.46	1.48	69.12	58.13	59.71	60.49	0.77	1.29	2.36	4.06
United States	4.78	3.71	3.17	3.13	4.23	4.34	4.17	4.23	20.20	16.09	13.23	13.21	-0.03	-0.20	-2.89	-17.93
Total Foreign	40.40	37.69	37.64	37.84	1.21	1.12	1.23	1.25	48.92	42.03	46.48	47.28	0.80	1.72	5.25	12.48
India	11.57	11.04	11.50	11.50	0.96	0.75	0.87	0.87	11.09	8.24	10.00	10.00	0.00	0.00	1.77	21.43
China	1.29	1.08	1.10	1.10	4.39	3.36	4.09	4.09	5.68	3.64	4.50	4.50	0.00	0.00	0.86	23.63
Mexico	2.32	1.80	2.00	2.00	2.95	3.11	3.25	3.25	6.86	5.60	6.50	6.50	0.00	0.00	0.90	16.07
Nigeria	6.45	6.50	6.60	6.60	1.02	1.07	1.11	1.11	6.60	6.93	7.30	7.30	0.00	0.00	0.37	5.34
Sudan	6.60	5.70	5.00	5.20	0.64	0.56	0.74	0.87	4.20	3.20	3.70	4.50	0.80	21.62	1.30	40.63
Argentina	0.68	0.79	0.75	0.75	3.70	4.80	4.00	4.00	2.50	3.77	3.00	3.00	0.00	0.00	-0.77	-20.42
Australia	0.56	0.56	0.60	0.60	2.15	1.89	2.00	2.00	1.21	1.07	1.20	1.20	0.00	0.00	0.14	12.68
Ethiopia	1.85	1.45	1.60	1.60	1.08	0.90	1.06	1.06	2.00	1.30	1.70	1.70	0.00	0.00	0.40	30.77
Colombia	0.10	0.06	0.04	0.04	3.05	2.50	3.00	3.00	0.29	0.15	0.12	0.12	0.00	0.00	-0.03	-20.00
Venezuela	0.20	0.26	0.25	0.25	2.16	1.56	1.63	1.63	0.44	0.41	0.40	0.40	0.00	0.00	-0.01	-2.44
Egypt	0.14	0.16	0.16	0.16	4.35	4.91	4.97	4.97	0.60	0.77	0.77	0.77	0.00	0.00	0.00	0.52
Yemen	0.38	0.38	0.38	0.38	0.97	0.96	1.00	1.00	0.37	0.36	0.38	0.38	0.00	0.00	0.02	4.46
Tanzania	0.69	0.63	0.50	0.50	0.87	0.80	0.85	0.85	0.60	0.50	0.43	0.43	0.00	0.00	-0.08	-15.00
Niger	1.50	1.40	1.40	1.40	0.27	0.30	0.30	0.30	0.40	0.43	0.43	0.43	0.00	0.00	0.00	0.00
South Africa	0.16	0.13	0.13	0.13	2.20	2.14	2.27	2.27	0.36	0.28	0.30	0.30	0.00	0.00	0.02	7.14
Thailand	0.16	0.16	0.16	0.16	1.25	1.25	1.25	1.25	0.20	0.20	0.20	0.20	0.00	0.00	0.00	0.00
Others	5.75	5.59	5.48	5.48	0.96	0.93	1.01	1.01	5.53	5.20	5.56	5.56	-0.00	-0.00	0.36	6.92

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TABLE 10
Rice Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield (Rough)				Production (Milled)				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	149.65	149.61	149.45	149.52	3.77	3.80	3.74	3.74	380.21	384.26	377.36	377.81	0.45	0.12	-6.45	-1.68
United States	1.14	1.26	1.29	1.34	6.86	6.61	6.34	6.36	5.46	5.98	5.89	6.14	0.25	4.24	0.17	2.76
Total Foreign	148.52	148.36	148.16	148.18	3.74	3.78	3.72	3.72	374.75	378.28	371.47	371.67	0.20	0.05	-6.61	-1.75
Major Exporters	24.07	24.45	24.48	24.44	2.91	3.00	3.01	2.97	44.97	47.15	47.35	46.70	-0.65	-1.37	-0.45	-0.96
Vietnam	7.04	7.37	7.20	7.20	3.87	3.88	3.89	3.89	18.00	18.87	18.50	18.50	0.00	0.00	-0.37	-1.97
Thailand	9.18	9.27	9.25	9.21	2.26	2.46	2.45	2.35	13.66	15.05	14.95	14.30	-0.65	-4.35	-0.75	-4.98
Burma	5.60	5.49	5.60	5.60	2.77	2.80	2.86	2.86	9.00	8.90	9.30	9.30	0.00	0.00	0.40	4.49
Pakistan	2.25	2.32	2.43	2.43	2.87	2.81	2.84	2.84	4.31	4.33	4.60	4.60	0.00	0.00	0.27	6.16
Major Importers	15.67	15.55	15.85	15.85	4.12	3.98	4.15	4.16	43.21	41.40	43.78	43.91	0.13	0.29	2.51	6.05
Indonesia	11.14	11.06	11.40	11.40	4.43	4.21	4.45	4.45	32.08	30.23	33.00	33.00	0.00	0.00	2.78	9.18
South Korea	1.05	1.05	1.06	1.06	6.78	7.00	6.38	6.51	5.32	5.45	5.00	5.10	0.10	2.00	-0.35	-6.42
European Union	0.41	0.40	0.40	0.40	6.05	6.29	6.34	6.42	1.61	1.69	1.62	1.65	0.03	1.66	-0.04	-2.31
Iran	0.60	0.60	0.60	0.60	4.00	4.00	4.38	4.38	1.60	1.60	1.75	1.75	0.00	0.00	0.15	9.37
Nigeria	1.66	1.65	1.65	1.65	1.96	1.87	1.87	1.87	1.95	1.85	1.85	1.85	0.00	0.00	0.00	0.00
Other Foreign	108.78	108.35	107.83	107.89	4.12	4.19	4.08	4.08	286.57	289.72	280.34	281.06	0.72	0.26	-8.66	-2.99
China	31.41	31.77	31.10	31.10	6.21	6.32	6.11	6.11	136.57	140.49	133.00	133.00	0.00	0.00	-7.49	-5.33
India	43.28	43.09	42.70	42.70	2.82	2.86	2.85	2.85	81.31	82.12	81.00	81.00	0.00	0.00	-1.12	-1.36
Bangladesh	10.41	10.62	10.40	10.40	2.72	2.63	2.56	2.56	18.88	18.63	17.75	17.75	0.00	0.00	-0.88	-4.70
Japan	1.98	1.95	1.78	1.78	6.54	6.42	6.11	6.26	9.41	9.12	7.90	8.10	0.20	2.53	-1.02	-11.21
Brazil	3.48	3.20	3.80	3.80	2.73	2.67	2.63	2.76	6.46	5.80	6.80	7.14	0.34	5.00	1.34	23.10
Philippines	3.91	3.55	3.80	3.80	2.86	2.80	2.79	2.79	7.27	6.45	6.90	6.90	0.00	0.00	0.45	6.98
Egypt	0.59	0.63	0.50	0.50	8.29	8.39	8.93	8.93	2.99	3.59	3.06	3.06	0.00	0.00	-0.53	-14.86
Taiwan	0.35	0.36	0.36	0.36	5.55	5.62	5.56	5.56	1.42	1.47	1.41	1.41	0.00	0.00	-0.06	-4.09
FSU-12	0.48	0.45	0.45	0.45	2.24	2.64	2.67	2.67	0.70	0.76	0.77	0.77	0.00	0.00	0.01	1.05
Russia	0.17	0.16	0.16	0.16	2.36	2.07	2.07	2.07	0.25	0.22	0.22	0.22	0.00	0.00	0.00	0.00
Australia	0.17	0.14	0.15	0.15	8.36	9.41	8.24	8.24	0.99	0.96	0.90	0.90	0.00	0.00	-0.06	-6.28
Others	12.72	12.60	12.79	12.86	3.01	3.03	2.97	2.98	20.56	20.34	20.86	21.04	0.18	0.86	0.70	3.44

January 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 11
Total Oilseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
World Total 1/ Total Foreign 1/ Copra Palm Kernel	--	--	--	--	--	--	--	--	261.09	285.16	287.99	289.39	1.40	0.49	4.23	1.48
	--	--	--	--	--	--	--	--	186.34	202.07	203.79	204.78	0.98	0.48	2.71	1.34
	--	--	--	--	--	--	--	--	5.82	5.61	5.38	5.38	0.00	0.00	-0.23	-4.05
	--	--	--	--	--	--	--	--	5.32	5.16	5.40	5.40	0.00	0.00	0.24	4.61
Major Oilseeds 2/ United States 2/	159.40 32.56	166.56 35.35	172.10 35.54	171.75 35.44	1.57 2.30	1.65 2.35	1.61 2.37	1.62 2.39	249.96 74.76	274.40 83.10	277.22 84.20	278.62 84.62	1.40 0.42	0.50 0.49	4.22 1.52	1.54 1.83
Foreign Oilseeds 2/ South America Brazil Argentina Paraguay China India European Union France Italy Germany Spain United Kingdom FSU-12 Russia Ukraine Uzbekistan Turkmenistan Canada Indonesia Pakistan Eastern Europe Poland Romania Hungary Turkey Philippines Mexico Others	126.85 25.27 12.61 10.26 1.38 23.23 30.79 5.84 1.87 0.58 0.90 1.17 0.41 9.83 4.55 2.15 1.49 0.45 4.35 1.83 3.66 3.05 0.28 0.99 0.57 1.36 0.05 0.38 17.21	131.21 28.05 13.97 11.44 1.57 23.76 30.45 6.08 1.96 0.75 0.95 1.14 0.47 9.25 4.10 2.04 1.48 0.45 5.97 1.83 3.50 2.86 0.32 0.84 0.54 1.30 0.06 0.41 17.70	136.56 28.38 13.77 12.10 1.45 23.70 32.42 6.38 1.99 0.81 1.04 1.16 0.53 10.01 4.69 2.14 1.50 0.48 6.45 1.93 3.39 3.25 0.45 0.96 0.58 1.30 0.06 0.43 18.87	136.31 28.37 13.77 12.09 1.45 23.70 32.17 6.38 1.99 0.81 1.04 1.16 0.53 10.01 4.69 2.14 1.50 0.48 6.45 1.93 3.39 3.25 0.45 0.96 0.58 1.30 0.06 0.43 18.88	1.38 1.96 2.18 1.70 2.13 1.78 0.89 2.22 2.73 2.56 2.51 1.17 3.41 0.86 0.69 1.00 1.35 0.58 1.68 1.34 1.00 1.53 1.59 1.31 1.67 1.38 0.87 1.42 0.88	1.46 2.21 2.28 2.22 1.92 1.83 0.80 2.47 2.88 2.47 3.11 1.42 3.23 0.98 0.78 1.15 1.55 0.82 1.53 1.31 1.01 1.49 1.88 1.17 1.29 1.45 0.93 1.55 0.88	1.41 2.10 2.17 2.05 2.28 1.72 0.82 2.46 2.88 2.54 3.27 1.33 2.96 0.89 0.68 1.10 1.33 1.62 1.30 1.11 1.63 2.33 1.22 1.66 1.48 0.95 1.50 0.89	1.42 2.14 2.20 2.09 2.28 1.73 0.82 2.46 2.88 2.54 3.27 1.33 2.96 0.89 0.68 1.10 1.33 1.62 1.30 1.07 1.63 2.33 1.22 1.66 1.48 0.95 1.50 0.89	175.20 49.43 27.45 17.46 2.93 41.45 27.28 12.95 5.10 1.49 2.26 1.38 1.41 8.46 3.15 2.16 2.01 0.26 7.28 2.45 3.67 4.66 0.45 1.30 0.95 1.87 0.05 0.55 15.10	191.30 61.95 31.83 25.35 3.01 43.41 24.36 15.04 5.66 1.84 2.96 1.62 1.53 9.09 3.18 2.35 2.30 0.37 9.16 2.41 3.53 4.26 0.60 0.98 0.70 1.88 0.05 0.63 15.54	193.02 59.71 29.85 24.79 3.30 40.65 26.70 15.71 5.73 2.06 3.39 1.54 1.57 8.86 3.20 2.35 2.00 0.42 10.46 2.51 3.77 5.31 1.05 1.17 0.96 1.92 0.06 0.65 16.71	194.00 60.68 30.35 25.25 3.30 41.01 26.50 15.71 5.73 2.06 3.39 1.54 1.57 8.86 3.20 2.35 2.00 0.42 10.46 2.51 3.62 5.31 1.05 1.17 0.96 1.92 0.06 0.65 16.72	0.98 0.97 0.50 0.47 0.00 0.36 -0.20 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -0.15 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01	0.51 1.62 1.68 1.88 0.00 0.89 -0.75 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -3.98 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.04	2.70 -1.27 -1.48 -0.10 0.28 -2.40 2.14 0.68 0.07 0.22 0.43 -0.08 0.05 -0.23 0.02 0.00 -0.30 0.04 1.30 0.10 0.09 1.05 0.46 0.19 0.27 0.04 0.00 0.02 1.18	1.41 -2.05 -4.65 -0.39 9.46 -5.53 8.78 4.50 1.24 11.89 14.68 -4.64 2.95 -2.53 0.57 0.13 -13.04 12.16 14.22 4.20 2.46 24.59 76.47 19.49 38.13 2.13 5.66 2.54 7.60

1/ Major oilseeds plus copra and palm kernel. 2/ Individual countries and regions include soybean, cottonseed, peanut (inshell), sunflowerseed, and rapeseed.

TABLE 12
Soybean Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	63.14	69.39	71.12	70.56	2.09	2.25	2.17	2.19	131.67	155.80	154.13	154.76	0.63	0.41	-1.04	-0.67
United States	25.64	27.97	28.96	28.66	2.53	2.62	2.60	2.62	64.78	73.18	75.19	75.03	-0.16	-0.21	1.85	2.53
Total Foreign	37.51	41.42	42.16	41.90	1.78	1.99	1.87	1.90	66.89	82.63	78.94	79.73	0.79	1.00	-2.90	-3.50
Major Exporters	19.20	21.30	21.30	21.30	2.12	2.46	2.31	2.35	40.77	52.50	49.10	50.10	1.00	2.04	-2.40	-4.57
Brazil	11.80	13.00	12.80	12.80	2.27	2.38	2.27	2.30	26.80	31.00	29.00	29.50	0.50	1.72	-1.50	-4.84
Argentina	6.20	7.00	7.30	7.30	1.81	2.67	2.33	2.40	11.20	18.70	17.00	17.50	0.50	2.94	-1.20	-6.42
Paraguay	1.20	1.30	1.20	1.20	2.31	2.15	2.58	2.58	2.77	2.80	3.10	3.10	0.00	0.00	0.30	10.71
Other Foreign	18.31	20.12	20.86	20.60	1.43	1.50	1.43	1.44	26.12	30.13	29.84	29.63	-0.21	-0.70	-0.50	-1.64
China	7.47	8.35	8.00	8.00	1.77	1.76	1.69	1.69	13.22	14.73	13.50	13.50	0.00	0.00	-1.23	-8.34
India	5.00	5.60	6.35	6.10	0.82	0.96	0.90	0.90	4.10	5.35	5.70	5.50	-0.20	-3.51	0.15	2.80
Canada	0.86	1.05	0.98	0.98	2.52	2.57	2.81	2.81	2.17	2.70	2.75	2.75	0.00	0.00	0.05	1.85
Indonesia	1.18	1.15	1.25	1.25	1.24	1.22	1.20	1.20	1.46	1.40	1.50	1.50	0.00	0.00	0.10	7.14
Eastern Europe	0.20	0.17	0.27	0.27	1.69	2.17	1.71	1.71	0.34	0.36	0.46	0.46	0.00	0.00	0.10	28.21
European Union	0.34	0.46	0.53	0.53	3.39	3.44	3.26	3.26	1.14	1.57	1.74	1.74	0.00	0.00	0.17	10.70
FSU-12	0.55	0.46	0.50	0.50	0.62	0.74	0.72	0.72	0.34	0.34	0.36	0.36	0.00	0.00	0.02	6.53
Russia	0.49	0.40	0.44	0.44	0.58	0.69	0.68	0.68	0.28	0.28	0.30	0.30	0.00	0.00	0.02	7.14
Ukraine	0.03	0.01	0.02	0.02	0.80	1.29	1.00	1.00	0.02	0.02	0.02	0.02	0.00	0.00	0.00	11.11
Mexico	0.05	0.12	0.12	0.12	1.17	1.47	1.46	1.46	0.06	0.18	0.18	0.18	0.00	0.00	0.00	0.00
Thailand	0.26	0.26	0.27	0.27	1.41	1.25	1.30	1.30	0.36	0.33	0.35	0.35	0.00	0.00	0.03	7.69
North Korea	0.33	0.33	0.33	0.33	1.23	1.08	1.23	1.23	0.40	0.35	0.40	0.40	0.00	0.00	0.05	14.29
Japan	0.08	0.08	0.10	0.10	1.80	1.75	1.75	1.75	0.15	0.15	0.18	0.18	0.00	0.00	0.03	20.69
Bolivia	0.55	0.63	0.63	0.63	1.83	2.00	1.98	1.98	1.00	1.26	1.25	1.25	0.00	0.00	-0.01	-0.79
South Korea	0.10	0.10	0.10	0.10	1.63	1.56	1.60	1.60	0.16	0.16	0.16	0.16	0.00	0.00	0.00	2.56
Colombia	0.04	0.03	0.03	0.03	2.00	1.67	2.00	2.00	0.07	0.05	0.06	0.06	0.00	0.00	0.01	20.00
Others	1.32	1.35	1.40	1.40	0.88	0.90	0.90	0.90	1.15	1.22	1.26	1.26	-0.01	-0.63	0.03	2.70

January 1999

Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 13
Cottonseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
	Million hectares				Metric tons per hectare				Million metric tons				MMT	Percent	MMT	Percent
World	33.74	33.52	32.70	32.86	1.02	1.04	0.99	1.00	34.37	34.72	32.50	32.81	0.31	0.95	-1.91	-5.50
United States	5.22	5.43	4.20	4.34	1.24	1.16	1.09	1.08	6.48	6.29	4.58	4.70	0.12	2.57	-1.59	-25.27
Total Foreign	28.52	28.10	28.50	28.52	0.98	1.01	0.98	0.99	27.89	28.43	27.92	28.11	0.19	0.68	-0.32	-1.12
China	4.72	4.50	4.50	4.50	1.60	1.84	1.64	1.72	7.56	8.28	7.40	7.76	0.36	4.86	-0.52	-6.28
FSU-12	2.50	2.46	2.53	2.53	1.08	1.25	1.12	1.12	2.71	3.09	2.84	2.84	0.00	0.00	-0.25	-8.13
Uzbekistan	1.49	1.48	1.50	1.50	1.35	1.55	1.33	1.33	2.01	2.30	2.00	2.00	0.00	0.00	-0.30	-13.04
Turkmenistan	0.45	0.45	0.48	0.48	0.58	0.82	0.87	0.87	0.26	0.37	0.42	0.42	0.00	0.00	0.04	12.16
India	9.12	8.85	9.17	9.17	0.65	0.58	0.60	0.60	5.90	5.10	5.50	5.50	0.00	0.00	0.41	7.95
Pakistan	3.15	2.96	2.90	2.90	1.01	1.02	1.14	1.09	3.19	3.00	3.30	3.15	-0.15	-4.55	0.15	4.86
Brazil	0.70	0.85	0.85	0.85	0.71	0.76	0.79	0.79	0.49	0.65	0.67	0.67	0.00	0.00	0.02	3.08
Turkey	0.74	0.72	0.70	0.70	1.58	1.50	1.60	1.60	1.18	1.09	1.12	1.12	0.00	0.00	0.03	3.23
African Franc Zone	1.91	2.24	2.27	2.28	0.72	0.72	0.70	0.71	1.38	1.61	1.60	1.61	0.01	0.94	-0.00	-0.06
Australia	0.40	0.44	0.52	0.52	2.13	2.16	1.90	1.90	0.84	0.94	0.99	0.99	0.00	0.00	0.05	4.87
Egypt	0.39	0.37	0.28	0.28	1.52	1.28	1.32	1.32	0.59	0.48	0.37	0.37	0.00	0.00	-0.11	-22.92
Argentina	0.88	0.80	0.70	0.72	0.64	0.63	0.84	0.76	0.56	0.50	0.59	0.55	-0.03	-5.98	0.05	10.00
Paraguay	0.11	0.20	0.18	0.18	0.64	0.60	0.60	0.60	0.07	0.12	0.11	0.11	0.00	0.00	-0.02	-12.50
Greece	0.42	0.39	0.40	0.40	1.13	1.53	1.28	1.28	0.48	0.59	0.51	0.51	0.00	0.00	-0.08	-14.14
Syria	0.22	0.25	0.27	0.27	2.39	2.90	2.44	2.44	0.53	0.73	0.66	0.66	0.00	0.00	-0.07	-9.22
Mexico	0.25	0.20	0.22	0.22	1.50	1.65	1.52	1.52	0.37	0.33	0.34	0.34	0.00	0.00	0.01	1.82
Colombia	0.09	0.05	0.06	0.06	1.21	1.30	1.42	1.42	0.10	0.07	0.08	0.08	0.00	0.00	0.01	11.43
Sudan	0.28	0.27	0.20	0.20	0.82	0.79	0.78	0.78	0.23	0.21	0.16	0.16	0.00	0.00	-0.06	-26.19
Others	2.66	2.54	2.76	2.76	0.65	0.65	0.62	0.62	1.73	1.64	1.71	1.71	0.00	0.00	0.07	4.14

TABLE 14
Peanut Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
World	20.60	20.17	21.19	21.16	1.38	1.33	1.30	1.31	28.44	26.72	27.61	27.71	0.10	0.37	0.98	3.68
United States	0.56	0.57	0.60	0.59	2.98	2.81	2.82	3.01	1.66	1.61	1.68	1.78	0.10	6.07	0.18	11.09
Total Foreign	20.04	19.60	20.59	20.56	1.34	1.28	1.26	1.26	26.78	25.12	25.92	25.92	0.00	0.00	0.81	3.21
China	3.62	3.72	3.80	3.80	2.80	2.59	2.68	2.68	10.14	9.65	10.20	10.20	0.00	0.00	0.55	5.72
India	7.81	7.20	8.10	8.10	1.15	1.05	0.98	0.98	9.02	7.58	7.90	7.90	0.00	0.00	0.32	4.22
Indonesia	0.63	0.66	0.66	0.66	1.56	1.52	1.52	1.52	0.99	1.00	1.00	1.00	0.00	0.00	0.00	0.00
Senegal	0.92	0.79	0.78	0.78	0.70	0.70	0.71	0.71	0.65	0.55	0.55	0.55	0.00	0.00	0.00	0.00
Burma	0.52	0.53	0.53	0.53	1.10	1.11	1.09	1.09	0.57	0.59	0.58	0.58	0.00	0.00	-0.01	-1.69
Sudan	0.55	0.55	0.55	0.55	0.67	0.67	0.67	0.67	0.37	0.37	0.37	0.37	0.00	0.00	0.00	0.00
Zaire	0.73	0.73	0.73	0.73	0.77	0.77	0.79	0.79	0.56	0.56	0.58	0.58	0.00	0.00	0.02	3.57
Argentina	0.28	0.39	0.35	0.32	1.09	1.67	1.43	1.56	0.30	0.65	0.50	0.50	0.00	0.00	-0.15	-23.08
Nigeria	0.65	0.70	0.75	0.75	0.50	0.50	0.50	0.50	0.33	0.35	0.38	0.38	0.00	0.00	0.03	7.14
Vietnam	0.26	0.26	0.26	0.26	1.31	1.31	1.31	1.31	0.34	0.34	0.34	0.34	0.00	0.00	0.00	0.00
South Africa	0.10	0.06	0.08	0.08	1.47	1.64	1.50	1.50	0.14	0.10	0.12	0.12	0.00	0.00	0.02	23.71
Thailand	0.10	0.10	0.10	0.10	1.49	1.50	1.50	1.50	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Burkina Faso	0.25	0.24	0.25	0.25	0.80	0.83	0.84	0.84	0.20	0.20	0.21	0.21	0.00	0.00	0.01	5.00
Brazil	0.09	0.09	0.09	0.09	1.55	1.67	1.67	1.67	0.14	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Central African Rep.	0.10	0.10	0.10	0.10	0.94	1.00	1.00	1.00	0.09	0.10	0.10	0.10	0.00	0.00	0.00	0.00
Cameroon	0.42	0.42	0.42	0.42	0.41	0.41	0.41	0.41	0.17	0.17	0.17	0.17	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.14	0.14	0.14	0.14	1.07	1.04	1.04	1.04	0.15	0.15	0.15	0.15	0.00	0.00	0.00	0.00
Mexico	0.08	0.08	0.09	0.09	1.40	1.50	1.53	1.53	0.11	0.12	0.13	0.13	0.00	0.00	0.01	8.33
Gambia	0.06	0.08	0.08	0.08	0.72	0.85	0.80	0.80	0.05	0.06	0.06	0.06	0.00	0.00	-0.00	-6.25
Others	2.74	2.76	2.74	2.74	0.85	0.83	0.84	0.84	2.32	2.28	2.29	2.29	0.00	0.00	0.01	0.44

TABLE 15
Sunflowerseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	1996/97		1997/98		1996/97		1997/98		1996/97		1997/98		1996/97		1997/98	
	Prel.	1998/99 Proj.	Prel.	1998/99 Proj.	Prel.	1998/99 Proj.	Prel.	1998/99 Proj.	Prel.	1998/99 Proj.	Prel.	1998/99 Proj.	From last month	From last year	From last month	From last year
	Million hectares				Metric tons per hectare				Million metric tons				MMT		Percent	
World	19.78	19.76	21.61	21.68	1.21	1.21	1.21	1.22	23.87	23.90	26.22	26.50	0.28	1.07	2.60	10.88
United States	1.00	1.13	1.34	1.41	1.61	1.48	1.57	1.69	1.61	1.67	2.10	2.38	0.28	13.33	0.71	42.69
Total Foreign	18.78	18.63	20.27	20.27	1.19	1.19	1.19	1.19	22.25	22.23	24.12	24.12	0.00	0.00	1.89	8.49
FSU-12	6.47	6.06	6.67	6.67	0.80	0.90	0.81	0.81	5.20	5.46	5.43	5.43	0.00	0.00	-0.03	-0.57
Russia	3.89	3.58	4.10	4.10	0.71	0.79	0.68	0.68	2.77	2.83	2.80	2.80	0.00	0.00	-0.03	-1.10
Ukraine	2.11	2.00	2.10	2.10	1.01	1.15	1.10	1.10	2.12	2.30	2.30	2.30	0.00	0.00	0.00	0.00
Argentina	2.90	3.25	3.75	3.75	1.86	1.69	1.79	1.79	5.40	5.50	6.70	6.70	0.00	0.00	1.20	21.82
European Union	2.35	2.32	2.23	2.23	1.65	1.75	1.72	1.72	3.89	4.06	3.83	3.83	0.00	0.00	-0.23	-5.74
France	0.92	0.90	0.79	0.79	2.19	2.21	2.22	2.22	2.00	1.98	1.75	1.75	0.00	0.00	-0.23	-11.62
Spain	0.99	0.97	1.00	1.00	1.15	1.41	1.30	1.30	1.14	1.37	1.30	1.30	0.00	0.00	-0.07	-4.90
Italy	0.26	0.30	0.28	0.28	1.99	1.67	1.96	1.96	0.52	0.51	0.55	0.55	0.00	0.00	0.04	8.06
Eastern Europe	2.14	1.94	2.09	2.09	1.42	1.22	1.35	1.35	3.04	2.38	2.82	2.82	0.00	0.00	0.44	18.42
Hungary	0.48	0.45	0.48	0.48	1.68	1.22	1.67	1.67	0.80	0.55	0.80	0.80	0.00	0.00	0.26	46.79
Romania	0.91	0.78	0.82	0.82	1.30	1.10	1.18	1.18	1.18	0.86	0.97	0.97	0.00	0.00	0.11	13.05
Yugoslavia	0.23	0.20	0.22	0.22	1.87	1.65	1.82	1.82	0.43	0.33	0.40	0.40	0.00	0.00	0.07	21.21
Bulgaria	0.45	0.45	0.49	0.49	1.09	1.11	0.98	0.98	0.49	0.50	0.48	0.48	0.00	0.00	-0.02	-4.00
Czech Rep.	0.02	0.02	0.02	0.02	1.95	2.24	2.00	2.00	0.04	0.05	0.05	0.05	0.00	0.00	-0.00	-2.13
China	0.69	0.72	0.70	0.70	1.92	1.64	1.79	1.79	1.33	1.18	1.25	1.25	0.00	0.00	0.07	6.29
India	2.00	2.10	2.20	2.20	0.66	0.67	0.68	0.68	1.32	1.40	1.50	1.50	0.00	0.00	0.10	7.14
Turkey	0.54	0.50	0.52	0.52	1.01	1.30	1.25	1.25	0.55	0.65	0.65	0.65	0.00	0.00	0.00	0.00
South Africa	0.46	0.51	0.85	0.85	0.97	1.09	1.00	1.00	0.45	0.56	0.85	0.85	0.00	0.00	0.29	52.60
Australia	0.14	0.09	0.15	0.15	1.21	1.07	1.10	1.10	0.17	0.10	0.16	0.16	0.00	0.00	0.06	63.27
Burma	0.22	0.24	0.24	0.24	0.73	0.75	0.75	0.75	0.16	0.18	0.18	0.18	0.00	0.00	0.00	0.00
Others	0.87	0.90	0.87	0.87	0.88	0.86	0.87	0.87	0.76	0.77	0.75	0.75	0.00	0.00	-0.01	-1.95

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 16
Rapeseed Area, Yield, and Production
World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change in Production			
	Prel.				Prel.				Prel.				From last month			
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MMT	Percent	MMT	Percent
World	22.14	23.72	25.49	25.49	1.43	1.40	1.44	1.45	31.61	33.25	36.77	36.84	0.07	0.20	3.58	10.78
United States	0.14	0.26	0.44	0.44	1.55	1.39	1.48	1.63	0.22	0.36	0.65	0.72	0.07	11.21	0.37	103.94
Total Foreign	22.00	23.46	25.05	25.05	1.43	1.40	1.44	1.44	31.39	32.90	36.12	36.12	0.00	0.00	3.22	9.77
India	6.86	6.70	6.60	6.60	1.01	0.74	0.92	0.92	6.94	4.94	6.10	6.10	0.00	0.00	1.17	23.61
China	6.73	6.48	6.70	6.70	1.37	1.48	1.24	1.24	9.20	9.58	8.30	8.30	0.00	0.00	-1.28	-13.34
Canada	3.45	4.87	5.40	5.40	1.47	1.31	1.41	1.41	5.06	6.39	7.60	7.60	0.00	0.00	1.21	18.88
European Union	2.65	2.81	3.11	3.11	2.76	3.08	3.05	3.05	7.33	8.65	9.49	9.49	0.00	0.00	0.84	9.76
France	0.87	0.97	1.10	1.10	3.32	3.51	3.36	3.36	2.87	3.40	3.70	3.70	0.00	0.00	0.30	8.82
Germany	0.85	0.91	1.00	1.00	2.52	3.14	3.30	3.30	2.15	2.87	3.30	3.30	0.00	0.00	0.43	15.10
United Kingdom	0.41	0.47	0.53	0.53	3.41	3.23	2.96	2.96	1.41	1.53	1.57	1.57	0.00	0.00	0.05	2.95
Denmark	0.11	0.10	0.12	0.12	2.37	2.82	2.75	2.75	0.25	0.29	0.33	0.33	0.00	0.00	0.04	12.63
Sweden	0.07	0.06	0.06	0.06	2.11	1.95	1.98	1.98	0.14	0.12	0.13	0.13	0.00	0.00	0.00	1.63
Eastern Europe	0.69	0.74	0.87	0.87	1.83	2.05	2.32	2.32	1.27	1.52	2.03	2.03	0.00	0.00	0.51	33.49
Poland	0.28	0.32	0.45	0.45	1.59	1.88	2.33	2.33	0.45	0.60	1.05	1.05	0.00	0.00	0.46	76.47
Czech Rep.	0.23	0.23	0.27	0.27	2.30	2.46	2.64	2.64	0.52	0.56	0.70	0.70	0.00	0.00	0.14	24.78
Australia	0.42	0.69	1.15	1.15	1.52	1.26	1.39	1.39	0.64	0.86	1.60	1.60	0.00	0.00	0.74	86.05
FSU-12	0.31	0.27	0.31	0.31	0.70	0.75	0.77	0.77	0.21	0.21	0.24	0.24	0.00	0.00	0.03	14.63
Russia	0.17	0.12	0.15	0.15	0.66	0.62	0.67	0.67	0.11	0.07	0.10	0.10	0.00	0.00	0.03	40.85
Pakistan	0.32	0.34	0.33	0.33	0.80	0.84	0.85	0.85	0.26	0.29	0.28	0.28	0.00	0.00	-0.01	-2.10
Bangladesh	0.34	0.34	0.34	0.34	0.73	0.73	0.74	0.74	0.25	0.25	0.25	0.25	0.00	0.00	0.00	1.63
Others	0.24	0.24	0.24	0.24	0.97	0.96	0.96	0.96	0.23	0.23	0.23	0.23	0.00	0.00	0.00	0.00

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 17
Copra, Palm Kernel, and Palm Oil Production
World and Selected Countries and Regions

Country/Region	Production				Change in Production			
	1996/97	Prel. 1997/98	1998/99 Proj.		From last month		From last year	
			Dec.	Jan.				
	Million metric tons				MMT	Percent	MMT	Percent
COPRA								
World	5.82	5.61	5.38	5.38	0.00	0.00	-0.23	-4.05
Philippines	2.25	2.25	2.00	2.00	0.00	0.00	-0.25	-11.11
Indonesia	1.93	1.70	1.70	1.70	0.00	0.00	0.00	0.00
India	0.65	0.68	0.70	0.70	0.00	0.00	0.02	2.94
Mexico	0.21	0.21	0.22	0.22	0.00	0.00	0.01	2.87
Sri Lanka	0.07	0.07	0.07	0.07	0.00	0.00	0.00	0.00
Vietnam	0.13	0.13	0.13	0.13	0.00	0.00	0.00	0.00
Malaysia	0.03	0.03	0.03	0.03	0.00	0.00	-0.00	-9.37
Others	0.55	0.54	0.54	0.54	0.00	0.00	0.00	0.00
PALM KERNEL								
World	5.32	5.16	5.40	5.40	0.00	0.00	0.24	4.61
Malaysia	2.63	2.55	2.65	2.65	0.00	0.00	0.10	3.92
Indonesia	1.59	1.48	1.62	1.62	0.00	0.00	0.14	9.46
Nigeria	0.26	0.25	0.25	0.25	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.06	0.06	0.07	0.07	0.00	0.00	0.00	6.35
Colombia	0.08	0.08	0.08	0.08	0.00	0.00	0.00	2.63
Thailand	0.09	0.11	0.08	0.08	0.00	0.00	-0.03	-23.36
Zaire	0.03	0.03	0.03	0.03	0.00	0.00	0.00	0.00
Ecuador	0.03	0.04	0.04	0.04	0.00	0.00	0.00	11.11
Others	0.55	0.57	0.58	0.58	0.00	0.00	0.01	2.30
PALM OIL								
World	17.59	16.87	17.66	17.66	0.00	0.00	0.79	4.65
Malaysia	9.01	8.50	8.80	8.80	0.00	0.00	0.30	3.53
Indonesia	5.39	5.00	5.50	5.50	0.00	0.00	0.50	10.00
Nigeria	0.60	0.59	0.59	0.59	0.00	0.00	0.00	0.00
Cote d'Ivoire	0.29	0.30	0.32	0.32	0.00	0.00	0.02	6.67
Colombia	0.41	0.44	0.45	0.45	0.00	0.00	0.01	2.27
Thailand	0.40	0.47	0.36	0.36	0.00	0.00	-0.11	-23.40
Zaire	0.12	0.12	0.12	0.12	0.00	0.00	0.00	0.00
Ecuador	0.20	0.23	0.25	0.25	0.00	0.00	0.03	11.11
Others	1.19	1.23	1.27	1.27	0.00	0.00	0.04	3.25

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 18

Cotton Area, Yield, and Production

World and Selected Countries and Regions

Country/Region	Area				Yield				Production				Change In Production			
	Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		Prel.		1998/99 Proj.		From last month		From last year	
	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	1996/97	1997/98	Dec.	Jan.	MBales	Percent	MBales	Percent
	Million hectares				Kilograms per hectare				Million 480 lb. bales							
World	33.79	33.57	32.75	32.93	577	593	560	563	89.56	91.40	84.20	85.11	0.91	1.09	-6.29	-6.88
United States	5.22	5.43	4.20	4.34	791	754	697	692	18.94	18.79	13.45	13.80	0.34	2.56	-5.00	-26.59
Total Foreign	28.57	28.15	28.54	28.59	538	562	540	543	70.62	72.60	70.75	71.32	0.57	0.81	-1.29	-1.77
Major Exporters	15.77	15.81	15.62	15.67	667	713	685	691	48.27	51.79	49.16	49.73	0.57	1.16	-2.06	-3.98
China	4.72	4.50	4.50	4.50	890	1,021	910	958	19.30	21.10	18.80	19.80	1.00	5.32	-1.30	-6.16
Pakistan	3.15	2.96	2.90	2.90	506	515	563	541	7.32	7.00	7.50	7.20	-0.30	-4.00	0.20	2.86
Sudan	0.28	0.27	0.20	0.20	358	329	327	327	0.46	0.40	0.30	0.30	0.00	0.00	-0.10	-25.00
Turkey	0.74	0.72	0.70	0.70	1,055	1,116	1,151	1,151	3.60	3.70	3.70	3.70	0.00	0.00	0.00	0.00
FSU-12	2.50	2.46	2.53	2.53	572	638	570	570	6.57	7.21	6.62	6.62	0.00	0.00	-0.59	-8.18
Uzbekistan	1.49	1.48	1.50	1.50	705	778	668	668	4.81	5.30	4.60	4.60	0.00	0.00	-0.70	-13.21
Turkmenistan	0.45	0.45	0.48	0.48	310	411	435	435	0.64	0.85	0.95	0.95	0.00	0.00	0.10	11.76
Other	0.57	0.53	0.55	0.55	432	436	421	421	1.12	1.06	1.07	1.07	0.00	0.00	0.01	0.94
Egypt	0.39	0.37	0.28	0.28	882	902	816	816	1.57	1.55	1.05	1.05	0.00	0.00	-0.50	-32.26
African Franc Zone	1.91	2.24	2.27	2.30	418	420	412	404	3.67	4.32	4.29	4.26	-0.03	-0.70	-0.06	-1.39
Southern Hemisphere	2.08	2.29	2.25	2.27	606	620	669	654	5.78	6.51	6.90	6.80	-0.10	-1.45	0.29	4.41
Argentina	0.88	0.80	0.70	0.72	369	367	467	423	1.49	1.35	1.50	1.40	-0.10	-6.67	0.05	3.70
Australia	0.40	0.44	0.52	0.52	1,535	1,523	1,382	1,382	2.79	3.06	3.30	3.30	0.00	0.00	0.24	7.74
Brazil	0.70	0.85	0.85	0.85	403	448	461	461	1.29	1.75	1.80	1.80	0.00	0.00	0.05	2.86
Paraguay	0.11	0.20	0.18	0.18	429	381	373	373	0.21	0.35	0.30	0.30	0.00	0.00	-0.05	-14.29
Major Importers	0.55	0.55	0.56	0.56	789	861	844	844	1.99	2.17	2.17	2.17	0.00	0.00	-0.01	-0.37
Other Foreign	12.25	11.79	12.37	12.37	362	344	342	342	20.36	18.64	19.42	19.42	0.00	0.00	0.78	4.20
India	9.12	8.85	9.17	9.17	332	302	309	309	13.92	12.26	13.00	13.00	0.00	0.00	0.74	6.05
Others	3.13	2.94	3.20	3.20	448	473	437	437	6.44	6.38	6.42	6.42	0.00	0.00	0.04	0.64

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TABLE 19

The table below presents a 17-year record of the differences between the January projection and the final estimate. Using world wheat production as an example, changes between the January projection and the final estimate have averaged 3.5 million tons (0.7 percent) and ranged from -8.3 to 6.4 million tons. The January projection has been below the final 11 times and above the final 6 times.

RELIABILITY OF PRODUCTION PROJECTIONS

COMMODITY AND REGION	PROJECTION AND FINAL ESTIMATES, 1981/82 - 1997/98 1/					
	Difference		Lowest	Highest	Below	Above
	Average	Average	Difference		Final	Final
	Percent	---Million metric tons---			Number of years 2/	
WHEAT						
World	0.7	3.5	-8.3	6.4	11	6
U.S.	0.1	0.0	0.1	0.1	8	3
Foreign	0.8	3.5	-8.3	6.4	11	6
COARSE GRAINS 3/						
World	0.9	7.3	-17.9	8.2	9	8
U.S.	0.3	0.6	-4.6	1.3	10	3
Foreign	1.2	6.9	-17.3	8.2	9	8
RICE (Milled)						
World	1.5	4.7	-12.6	1.8	15	2
U.S.	1.2	0.1	-0.3	0.2	6	1
Foreign	1.5	4.7	-12.6	1.8	15	2
SOYBEANS						
World	1.8	1.9	-5.6	2.9	10	7
U.S.	1.3	0.7	-1.6	1.8	7	8
Foreign	3.6	1.9	-6.2	2.6	11	6
			---Million 480-lb. bales---			
COTTON						
World	2.2	1.8	-5.4	3.6	11	5
U.S.	0.6	0.1	0.1	0.3	3	13
Foreign	2.7	1.9	-5.7	3.5	11	5
UNITED STATES			-----Million bushels-----			
CORN	0.3	20	-148	38	4	1
SORGHUM	0.5	4	-53	14	1	3
BARLEY	0.4	2	-3	11	8	2
OATS	0.1	0	-2	1	3	1

1/ The final estimate for 1981/82-1997/98 is defined as the first November estimate following the marketing year.

2/ May not total 17 if projection was the same as the final.

3/ Includes corn, sorghum, barley, oats, rye, millet, and mixed grain.

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Production Estimates and Crop Assessment Division, FAS, USDA

TABLE 20

U.S. CROP ACREAGE AND PRODUCTION (HISTORICAL REVISIONS)

YEAR	AREA HARVESTED (1,000 Hectares) (From)	AREA HARVESTED (1,000 Hectares) (To)	PRODUCTION (1,000 Metric tons) (From)	PRODUCTION (1,000 Metric tons) (To)	PRODUCTION Change %
Corn					
1992/93	29,849	29,169	242,919	240,719	-0.9
1993/94	26,143	25,468	163,154	160,986	-1.3
1994/95	30,196	29,345	258,921	255,295	-1.4
1995/96	26,903	26,390	189,305	187,970	-0.7
1996/97	30,202	29,398	237,864	234,518	-1.4
1997/98	30,434	29,409	239,397	233,864	-2.3
Barley					
1992/93	2,948	2,948	9,908	9,908	0.0
1993/94	2,733	2,733	8,666	8,666	0.0
1994/95	2,698	2,698	8,162	8,162	0.0
1995/96	2,541	2,541	7,829	7,824	-0.1
1996/97	2,739	2,714	8,616	8,544	-0.8
1997/98	2,600	2,508	8,153	7,835	-3.9
Oats					
1992/93	1,819	1,819	4,271	4,271	0.0
1993/94	1,539	1,539	3,001	3,001	0.0
1994/95	1,539	1,622	3,324	3,322	-0.1
1995/96	1,623	1,195	2,352	2,338	-0.6
1996/97	1,199	1,074	2,254	2,224	-1.3
1997/98	1,087	1,138	2,556	2,428	-5.0
Rye					
1992/93	158	158	291	291	0.0
1993/94	154	154	263	263	0.0
1994/95	165	165	288	288	0.0
1995/96	156	156	256	256	0.0
1996/97	140	140	229	227	-0.9
1997/98	138	128	226	207	-8.4
Rice (Milled)					
1992/93	1,267	1,267	5,704	5,704	0.0
1993/94	1,146	1,146	5,240	5,240	0.0
1994/95	1,242	1,342	6,648	6,648	0.0
1995/96	1,252	1,252	5,631	5,631	0.0
1996/97	1,133	1,135	5,451	5,460	0.2
1997/98	1,228	1,256	5,843	5,976	2.3
Wheat					
1992/93	25,489	25,399	67,258	67,135	-0.2
1993/94	25,469	25,379	65,343	65,220	-0.2
1994/95	25,088	24,998	63,292	63,167	-0.2
1995/96	24,739	24,668	59,475	59,404	-0.1
1996/97	25,536	25,422	62,266	61,980	-0.5
1997/98	25,799	25,431	68,836	67,534	-1.9
Sorghum					
1992/93	4,876	4,876	22,227	22,227	0.0
1993/94	3,608	3,608	13,569	13,569	0.0
1994/95	3,609	3,594	16,491	16,403	-0.5
1995/96	3,350	3,340	11,694	11,650	-0.4
1996/97	4,816	4,780	20,396	20,201	-1.0
1997/98	3,800	3,706	16,590	16,093	-3.0

TABLE 20 (CONTINUED)

U.S. CROP ACREAGE AND PRODUCTION (HISTORICAL REVISIONS)

YEAR	AREA HARVESTED (1,000 Hectares) (From)	AREA HARVESTED (1,000 Hectares) (To)	PRODUCTION (1,000 Metric tons) (From)	PRODUCTION (1,000 Metric tons) (To)	PRODUCTION Change %
Cottonseed					
1992/93	4,501	4,501	5,652	5,652	0.0
1993/94	5,173	5,173	5,754	5,754	0.0
1994/95	5,391	5,391	6,898	6,898	0.0
1995/96	6,478	6,478	6,213	6,213	0.0
1996/97	5,208	5,216	6,481	6,480	-0.0
1997/98	5,370	5,425	6,291	6,291	0.0
Peanuts					
1992/93	677	675	1,943	1,943	0.0
1993/94	684	684	1,539	1,539	0.0
1994/95	655	655	1,927	1,927	0.0
1995/96	614	614	1,570	1,570	0.0
1996/97	558	558	1,661	1,661	0.0
1997/98	571	572	1,604	1,605	0.1
Rapeseed					
1992/93	53	49	72	72	0.0
1993/94	78	78	118	118	0.0
1994/95	140	140	209	209	0.0
1995/96	175	175	250	250	0.0
1996/97	141	141	219	219	0.0
1997/98	283	256	416	355	-14.7
Soybeans					
1992/93	23,566	23,566	59,612	59,612	0.0
1993/94	23,208	23,191	50,919	50,885	-0.1
1994/95	24,629	24,609	68,493	68,444	-0.1
1995/96	24,938	24,906	59,243	59,174	-0.1
1996/97	25,661	25,637	64,837	64,780	-0.1
1997/98	28,160	27,968	73,552	73,176	-0.5
Sunflowerseed					
1992/93	827	827	1,163	1,163	0.0
1993/94	1,006	1,006	1,167	1,167	0.0
1994/95	1,388	1,388	2,194	2,194	0.0
1995/96	1,363	1,363	1,819	1,819	0.0
1996/97	1,011	1,003	1,627	1,614	-0.8
1997/98	1,154	1,130	1,707	1,668	-2.3
Cotton					
YEAR	AREA HARVESTED (1,000 Hectares) (From)	AREA HARVESTED (1,000 Hectares) (To)	PRODUCTION (1,000 480 lb. bales) (From)	PRODUCTION (1,000 480 lb. bales) (To)	PRODUCTION Change %
1992/93	4,501	4,501	16,218	16,218	0.0
1993/94	5,173	5,173	16,134	16,134	0.0
1994/95	5,391	5,391	19,662	19,662	0.0
1995/96	6,478	6,478	17,900	17,900	0.0
1996/97	5,208	5,216	18,942	18,942	0.0
1997/98	5,370	5,425	18,793	18,793	0.0

WORLD AGRICULTURAL WEATHER HIGHLIGHTS

January 12, 1999



1 - UNITED STATES

Arctic air enveloped much of the U.S. following early- to mid-month record warmth, severely damaging citrus in California's San Joaquin Valley and threatening soft white winter wheat in the Northwest. Cold weather burned back wheat in the Ohio Valley and portions of the Plains, but snow cover insulated the potentially vulnerable portion of the crop. Lowest temperatures ranged from -10 to -30 degrees F as far south as eastern Colorado and west-central Kansas. Across the Pacific Northwest, heavy precipitation continued for a second consecutive month, contributing to late-month flooding west of the Cascades. Precipitation in parts of the Southeast eased long-term drought, but a late-month ice storm from central Texas to the Mid-Atlantic region disrupted transportation and caused power outages.

2 - SOUTH AMERICA

Timely mid- to late-December rainfall maintained average yield prospects for corn and soybeans in east-central Argentina. Below-normal rainfall in southern Buenos Aires favored wheat maturation and harvesting but stressed corn. Slightly below-normal rainfall caused some stress to soybeans in Rio Grande do Sul and Parana, Brazil. Elsewhere in southern Brazil, near normal rainfall maintained adequate soil moisture for soybean development.

3 - EUROPE

Below-normal precipitation in December in Spain limited moisture for winter grain germination and establishment. A sufficient snow cover in eastern Europe protected winter grains from periods of extremely cold weather. Since early January, unusually mild weather provided favorable overwintering conditions for winter grains but diminished protective snow cover. Unfavorably dry weather continued in southern Spain.

(More details are available in the Weekly Weather and Crop Bulletin. Subscription information may be obtained by calling (202) 720-7917.)

USDA/OCE - World Agricultural Outlook Board Joint Agricultural Weather Facility

4 - FSU-WESTERN

Overwintering conditions in December were mostly favorable for dormant winter grains. Since early January, unusually mild weather continued to favor winter grains but melted protective snow cover.

5 - NORTHWESTERN AFRICA

In Morocco, rain in late December eased prolonged dryness, improving prospects for winter grain emergence and early growth. In Algeria and Tunisia, although periodic showers provided generally adequate moisture for winter grains in northern growing areas, moisture was limited for crop establishment in southern areas.

6 - SOUTH AFRICA

Conditions are mostly favorable for corn, sugarcane, and other summer crop due this season's nearly ideal rainfall and temperatures. Grains and oilseeds are in or nearing reproductive phases of development, and would benefit from a continuation of seasonable conditions through February.

7 - EASTERN ASIA

In the North China Plain, mostly dry weather continued the below-normal precipitation trend since autumn (less than 25 percent of normal from September to December). Adequate irrigation supplies, however, existed for irrigated winter wheat. Winter wheat remained dormant across most of the region, despite above-normal December temperatures. Near- to above-normal precipitation favored vegetative winter grains and oilseeds across the lower Yangtze Valley.

8 - SOUTHEAST ASIA

An active monsoon pattern during December produced above-normal rainfall and flooding across the Philippines, Vietnam, and peninsular Malaysia. Seasonably dry weather helped rice fieldwork in Thailand. Near- to above-normal rainfall maintained adequate moisture for main-season grains in Java.

9 - AUSTRALIA

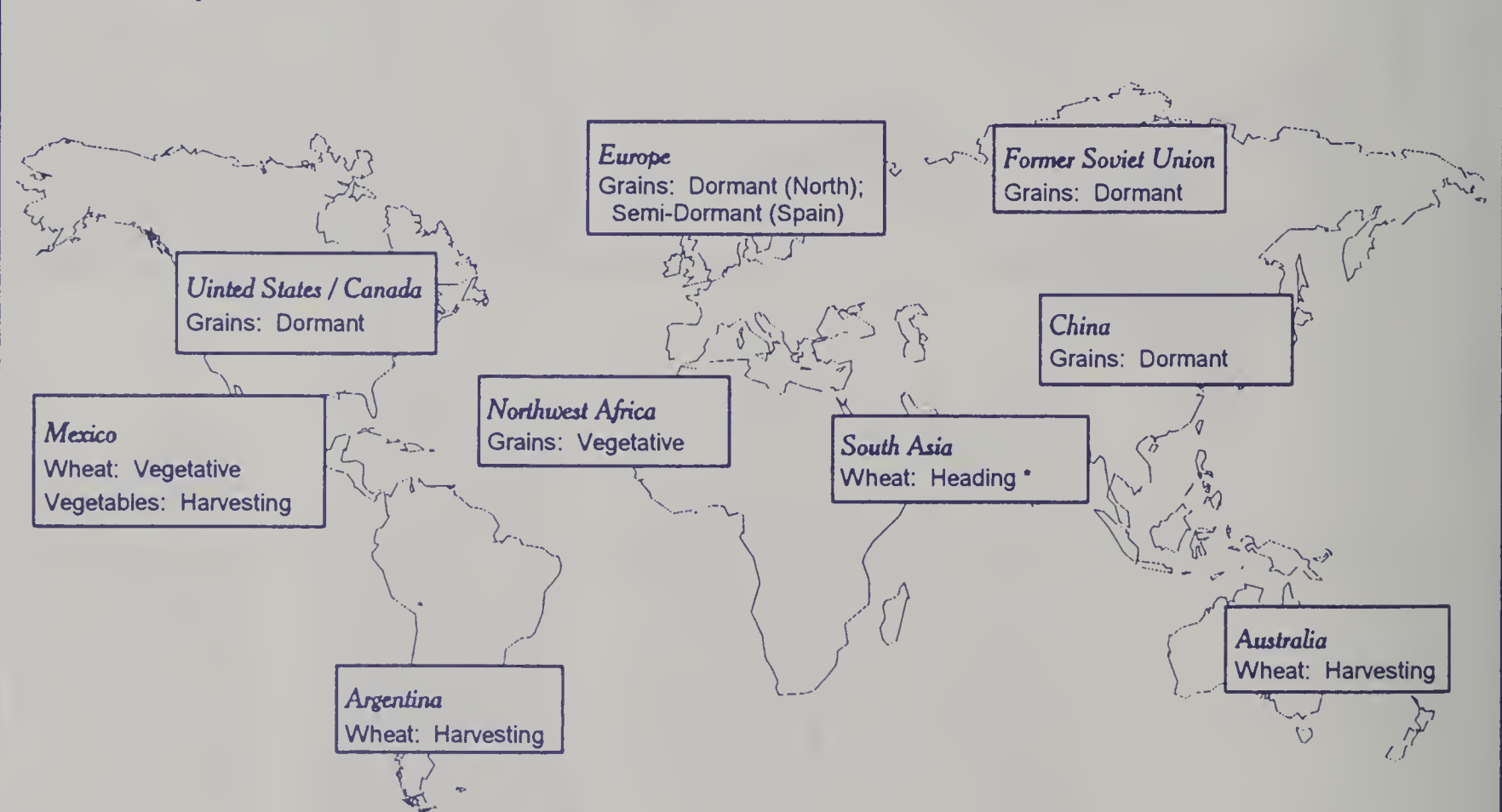
Scattered, locally heavy showers over southern Queensland have sustained favorable early prospects for sorghum and cotton. A trend of drier, warmer weather that developed in December over northern New South Wales favored summer crop development. Rain in the coastal sugarcane areas reduced sugar content of harvested stalks but increased moisture reserves for future development. Winter grain harvests in the west and southeast advanced toward completion.

January normal crop calendar

Summer crops



Winter crops

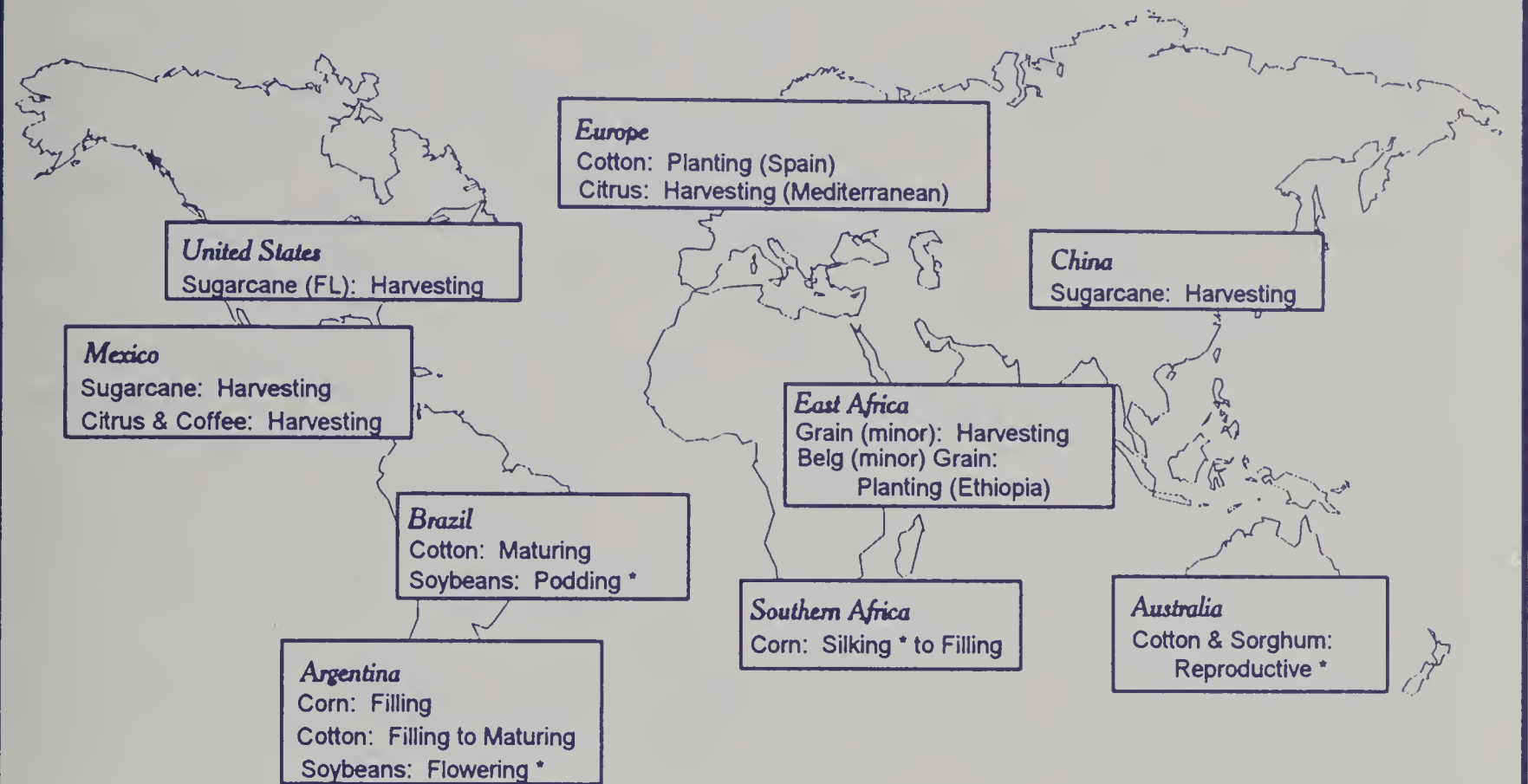


* Moisture / Temperature Sensitive Stage of Development

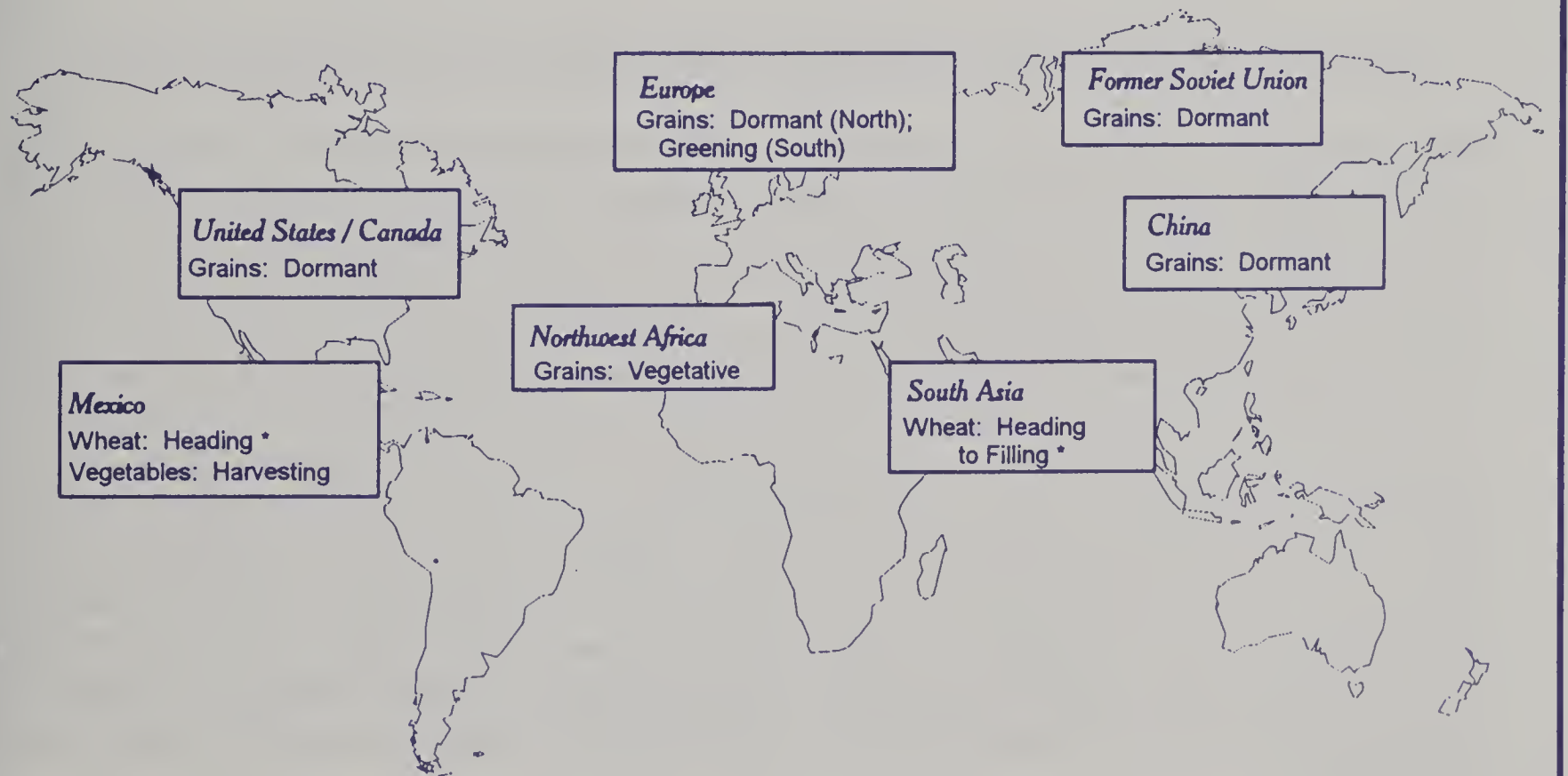
JOINT AGRICULTURAL WEATHER FACILITY (NOAA/USDA)

February normal crop calendar

Summer crops



Winter crops



* Moisture / Temperature Sensitive Stage of Development

JOINT AGRICULTURAL WEATHER FACILITY (NOAA/USDA)

WEATHER BRIEFS

SOUTH AFRICA: ADEQUATE TO SURPLUS MOISTURE FOR SUMMER CROPS

During November 1998, frequent, near to above-normal rainfall maintained adequate to abundant moisture reserves for the establishment of corn and other summer crops. During the first week of December, widespread, locally heavy rain maintained favorable growing conditions for corn and summer crops. Showers were more scattered during the second week of December across South Africa's corn growing areas, but were enough to maintain favorable establishment and vegetative development. Corn planted as early as October (planted mainly in the eastern growing areas), most likely nears its reproductive phases of development by the end of December. Planting in general winds down during mid-December. During December 13 - 19, unseasonably heavy rain overspread important wheat growing areas of Western and Eastern Cape Provinces. While this rain helped end a brief heat wave, the unusual event may have lodged some unharvested wheat. This rain moved north and east later in the week again favoring corn in the northern and central corn belts. Prior to this rain drier conditions aided corn, sugarcane, and other summer crops which were becoming too wet from previous weeks' rainfall. From December 20 - 26, drier weather returned to the corn belt, with just a few locations reporting rainfall in excess of 25 millimeters. Rain continued to be light along coastal sugarcane areas of KwaZulu-Natal, but moderate showers farther inland reached irrigated sugarcane areas surrounding Swaziland. In Western Cape, dry, seasonably warm weather brought some relief to excessively wet fields. During December 27 through January 2, widespread showers returned to the corn belt, keeping the mostly vegetative crop well watered. Greatest amounts of precipitation fell from the Northern Province southward through Mpumalango into the sugarcane areas of KwaZulu-Natal. Elsewhere, precipitation amounts in the Orange Free State ranged from 10 to 25 millimeters. The excessively wet Western Cape continued to benefit from seasonably dry weather.

BRAZIL: MOISTURE FOR SUMMER CROPS NEEDED IN SOUTHERN BRAZIL

During November 1998, below-normal rainfall stressed germinating soybeans and vegetative corn in extreme southern Brazil. Near-normal rainfall maintained adequate soil moisture elsewhere in southern Brazil. During the first week of December, little to no rain fell across Rio Grande do Sul, causing topsoils to become unfavorably dry for soybean planting. Scattered showers prevailed in northern Rio Grande growing areas, and moderate showers covered other major soybean areas, boosting moisture supplies in Parana and maintaining adequate supplies elsewhere. During December 6 - 19, rain brought relief to stressed soybeans and corn in Rio Grande do Sul. Farther north, widespread showers maintained favorable soil moisture for summer crop development. Heavier rains caused some flooding in Sao Paulo. During December 20 - 26, rain continued to benefit soybeans and corn in Rio Grande do Sul and Parana. Elsewhere, widespread showers maintained favorable soil moisture for summer crop development. From December 27 through January 2, light to moderate rain maintained topsoils moisture for soybeans and corn across Rio Grande do Sul and Parana. However, more rain is needed to keep pace with increasing crop water demands. Elsewhere in southern Brazil, moderate widespread showers maintained favorable soil moisture for summer crop development.

ARGENTINA: SHOWERS BENEFIT CENTRAL SUMMER CROP AREAS

During November 1998, below-normal rainfall stressed germinating soybeans and vegetative corn in central Argentina, while below-normal rainfall stressed reproductive winter wheat in southern Buenos Aires. During the first week of December, dry weather continued and maintained unfavorable conditions for soybean and corn planting and germination in central Argentina, especially in northern Buenos Aires. Farther south in Buenos Aires, light rain provided little relief for filling to maturing winter wheat. Timely rain fell in central Argentina during December 6 - 12, improving conditions for young summer crops. Dry weather continued to stress filling wheat across southern Buenos Aires. Widespread rain increased soil moisture for cotton in northern Argentina. Widespread rain continued across central Argentina during December 13 - 19. This rainfall covered the main summer crop areas in central Argentina, boosting soil moisture for vegetative corn and germinating soybeans. Rainfall also reached southern Buenos Aires, but came too late to improve winter wheat crop prospects. Moderate showers again favored germinating cotton in northern Argentina. From December 20 - 26, widespread rain in central Argentina, covered southern Cordoba and southern Santa Fe, aiding reproductive corn and vegetative soybeans. Lighter amounts prevailed across Buenos Aires, with only isolated showers reported in the central portion of the province. Mostly dry weather in southern Buenos Aires aided winter wheat maturation and harvesting. From December 27 through January 2, light to moderate rain covered the main summer crop areas of central Argentina, aiding reproductive corn and vegetative soybeans. In northern Argentina, heavy showers boosted moisture supplies for vegetative cotton, but possibly caused some local flooding.

PRODUCTION BRIEFS

THAILAND: RICE OUTPUT REDUCED DUE TO UNFAVORABLE WEATHER

Thailand's 1998/99 rice crop is estimated at 14.3 million tons (milled basis), down 0.7 million from last month and down 5 percent from last season. Yield is estimated at 2.35 tons per hectare, down 4 percent from last month, but near the 5-year average. According to the U.S. agricultural attache in Bangkok, the main crop--accounting for nearly 80 percent of the total-- is below last year's crop for the following reasons. Inadequate rainfall in the lower northeast at the end of the rainy season during the flowering and grain-filling stages reduced yields and unusual rain during the peak harvesting period destroyed some of the crop that was field drying. In addition, an outbreak of brown plant hoppers was reported in some areas in the lower north. However, favorable weather in the north, upper northeast, and central plains compensated for some crop losses. The average milling yield for the main crop seems to be below normal with lower head yield and more broken kernels. Two unusually heavy rain events in late November and a few days of light showers in early December reduced milling quality of this year's crop. In addition, current water levels in the major reservoirs are lower than normal and may hinder planting of the second-rice crop. The Government has already instructed farmers to reduce the area.

ARGENTINA: SOYBEAN PRODUCTION ESTIMATED HIGHER

Argentina's 1998/99 soybean production is estimated at 17.5 million tons, up 0.5 million or 3 percent from last month, but down 6 percent from last year's record crop. The estimated harvested area remains unchanged from last month at 7.3 million hectares with yields falling from the record 2.67 tons per hectare set in 1997/98 to 2.40 this year, the second highest yield on record. Earlier dryness combined with higher anticipated returns encouraged some farmers in the Province of Buenos Aires to shift acreage from corn to soybeans and sunflowerseed. Near-normal rainfall during December benefitted the soybean crop in the key central area including southern Cordoba, southern Santa Fe, and northern Buenos Aires. Rainfall during December improved soybean prospects somewhat in southern Buenos Aires, but more is needed to stabilize the crop.

BRAZIL: SOYBEAN CROP RECOVERS FROM EARLIER DRYNESS

Brazil's 1998/99 soybean crop--the second highest on record--is estimated at 29.5 million tons, up 2 percent from December, but down 5 percent from last year's record crop of 31.0 million tons. Planting of the soybean crop is nearing completion over most of the country; dryness in November contributed to a small shift in acreage from corn to soybeans in parts of Rio Grande do Sul and Parana. The estimated harvested area remains unchanged from last month, at 12.8 million hectares. Near-normal to normal rainfall in December was favorable for the soybean crop, especially in the States of Mato Grosso and Parana. Recent rains benefitted soybeans in Rio Grande do Sul; however, more rainfall is needed to replenish moisture reserves depleted by the earlier dryness.

CHINA: COTTON PRODUCTION HIGHER THAN EXPECTED IN 1998/99

China's 1998/99 cotton production is estimated at 19.8 million bales (4.3 million tons), up 5 percent from last month due to a higher estimated yield. In December, the State Statistical Bureau (SSB) estimated China's 1998/99 cotton output at 19.9 million bales, down 6 percent from last year. The SSB estimate was larger than those by the Ministry of Agriculture and other government agencies, which put the crop from 18.4 to 19.8 million bales. Production in Xinjiang Province, China's largest cotton producer, reportedly soared to 6.3 million bales in 1998/99, more than 1 million bales higher than its previous record crop in 1997/98. Xinjiang's increased output partially offset serious crop losses in central China caused by excessive rainfall and widespread flooding last summer.

UNITED STATES: CROP CONDITION AND PROGRESS

Winter wheat development in parts of the central and southern Plains, Corn Belt, Southeast, and lower Mississippi Delta was stimulated early in the month by warm weather. Many record high temperatures were recorded east of the Rocky Mountains. Wheat areas in the northern Rocky Mountains, Pacific Northwest, and southern High Plains received beneficial precipitation. Dry conditions assisted late-season harvest efforts and fall tillage operations in most of the Corn Belt, Southeast, and middle Atlantic Coastal Plain. Warm, dry weather relieved muddy field conditions and allowed harvest activities to resume in parts of the northern Plains and upper Mississippi Valley. Heavy rains temporarily halted fieldwork in parts of the southern and central Great Plains, from eastern Texas to eastern Kansas, and coastal areas of the Pacific Northwest, from northern California to the Canadian border.

As mid-month approached, temperatures fell to more seasonal levels, ending winter wheat growth in the central and northern Great Plains and Corn Belt. Seeding of small grains and winter forages continued in California, but were hampered by wet soils in many areas. Cool, cloudy weather slowed growth of emerging crops in the San Joaquin Valley, while wheat fields in the Sacramento Valley were growing well with additional moisture. Poor drying conditions hampered cotton harvesting in the Central Valley, and the lint quality declined in unharvested fields. Vegetable harvest activity was slowed by frost, but fruit and nut harvest was active. In Texas, small grain growth was slowed in the Plains by freezing temperatures and snow. Cotton growth ended following a hard freeze; and final harvest, temporarily halted by snow, resumed late in the week. Grain sorghum and peanut harvests were nearly complete in the Plains. In South Central Texas, the final peanut harvest was hampered by wet fields. Warm, dry weather continued to delay small grain emergence in the Southeast, where soil moisture was becoming increasingly short. However, the dry weather allowed vegetable planting and harvesting activities to proceed on schedule in Florida. Picking quality and color were good and growth of recently planted vegetable crops was normal.

Shortly after mid-month, an arctic airmass brought frigid temperatures to the Northwest and northern Rocky Mountains, and the coldest temperatures of the winter to the Great Plains and the western Corn Belt. Most winter wheat fields in the northern Plains had some snow cover, providing minimal protection from the sudden cold, windy conditions. In the southern Plains, daytime temperatures remained warm enough to promote growth of small grains. Scattered fertilizing and tillage activities continued unhindered by the cold weather in the Great Plains, Corn Belt, Mississippi Delta, and

Southeast. In South Dakota, soils were firm enough to allow farmers to harvest most of the remaining corn and sorghum crops. Dry weather also aided harvest efforts in the southern Plains, where a few isolated cotton and sorghum fields remained unharvested. Northern Florida experienced below-freezing readings, but vegetable and fruit crops in central and southern areas of the state were not affected. In California, growers harvested vegetables in the Imperial and Coastal Valleys, pruned orchards in the Sacramento Valley, and planted winter wheat and oats in the San Joaquin Valley. Mild temperatures aided winter wheat development in the Sacramento Valley and vegetable crops were developing well in the San Joaquin Valley.

As the end of the month approached, another bitter cold airmass pushed southward out of western Canada into the western and central United States. Several nights of sub-freezing temperatures damaged citrus crops in the Sacramento and San Joaquin Valleys, but southern California citrus escaped major damage. The lemon crop was especially hard hit. Freeze damage to California's vegetable crops was not as severe, but the cold weather halted winter vegetable harvest activities. A stormy pattern resumed along the Pacific Northwest coast. Snow, followed by mild and rainy weather, raised streams to their banks in some areas. In Texas, mild temperatures aided winter wheat growth, and most fields provided good forage for grazing. Dry conditions continued to assist harvest efforts as cotton, sorghum, peanuts, and soybeans were virtually complete. Precipitation in the Southeast provided beneficial moisture for winter crops, but freezing rain downed power lines from the central Mississippi Delta to the middle Atlantic States. In Florida, rains eased dryness in the Panhandle, but the remainder of the State remained dry. Vegetable and citrus growers increased irrigation, and harvesting continued until late in the month when many took a break to observe the holiday. Most citrus groves were in good condition, but some were stressed by excessive dryness.

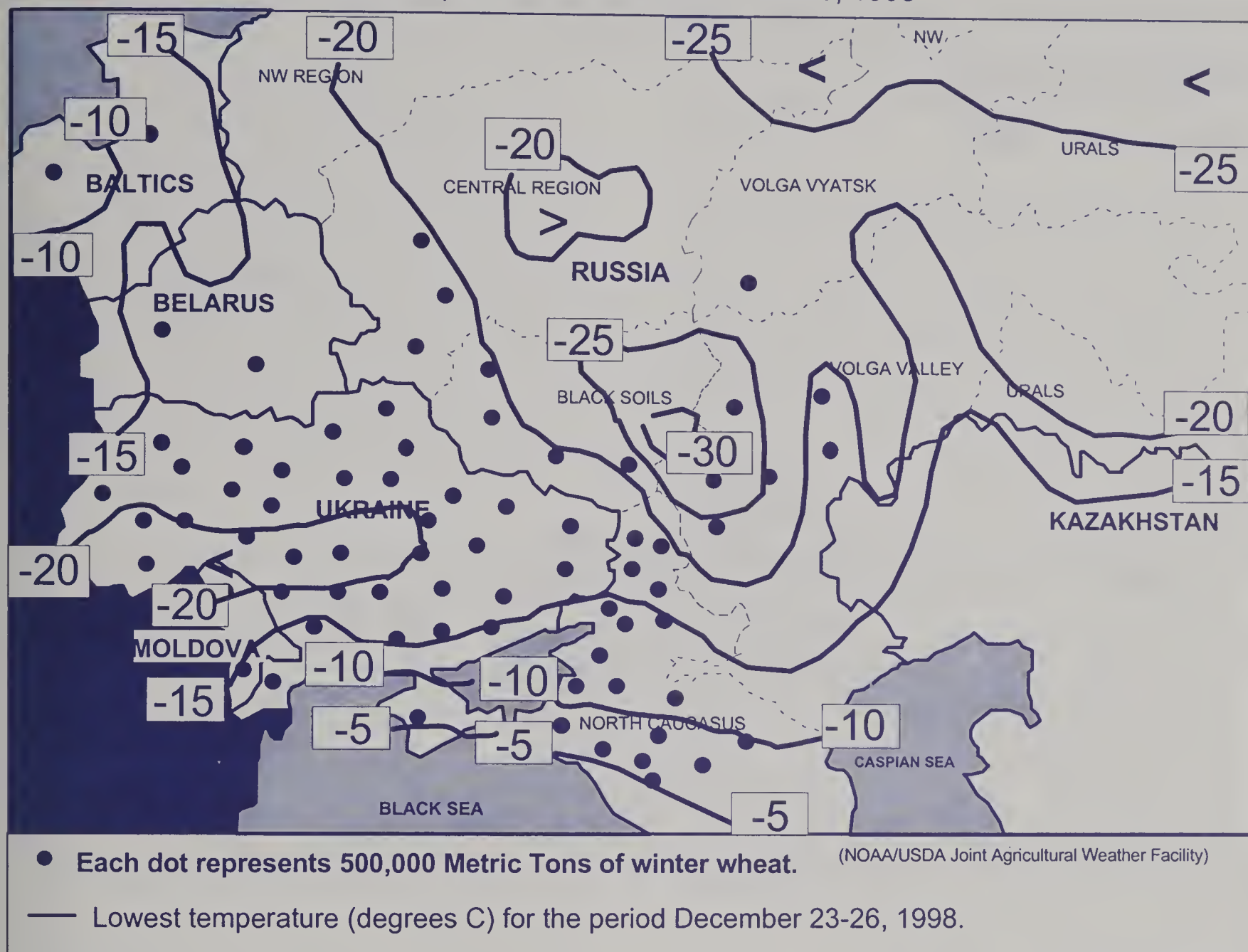
FORMER SOVIET UNION: WEATHER AND CROP DEVELOPMENTS

In December, above-normal precipitation fell in Russia, increasing moisture reserves. The combination of mild weather and abundant moisture in key winter wheat producing areas of the North Caucasus region improved conditions for dormant crops, following unfavorable dryness in the fall. Elsewhere in Russia, winter grains remained under a moderate to deep snow cover during the month. In Ukraine, below-normal precipitation was observed in most of the country, except in the extreme east, where precipitation was above-normal. A protective snow cover persisted in the northern half of Ukraine during December. Snow cover in southern Ukraine gradually diminished during the month. Elsewhere, below-normal precipitation was observed in southern Belarus, with above-normal precipitation falling in northern Belarus and the Baltics. Overwintering conditions in December were mostly favorable for winter grains in Russia, Ukraine, Belarus, and the Baltics. However, there was a brief cold snap from December 23 to 26, with minimum temperatures ranging from -17 to -30 degrees C in most areas. The exceptions were in extreme southern Ukraine and the North Caucasus region in Russia, where temperatures ranged from -8 to -15 degrees C. Snow cover was adequate to protect winter grains from widespread damage in areas experiencing the lowest temperatures. Since early January, mild weather provided favorable overwintering conditions for winter grains in Russia, Ukraine, Belarus, and the Baltics. However, daytime high temperatures rose above freezing in most areas, melting protective snow cover.

Tom Puterbaugh (202) 720-2012

FORMER SOVIET UNION (WESTERN)

Lowest Temperatures for December 23-26, 1998

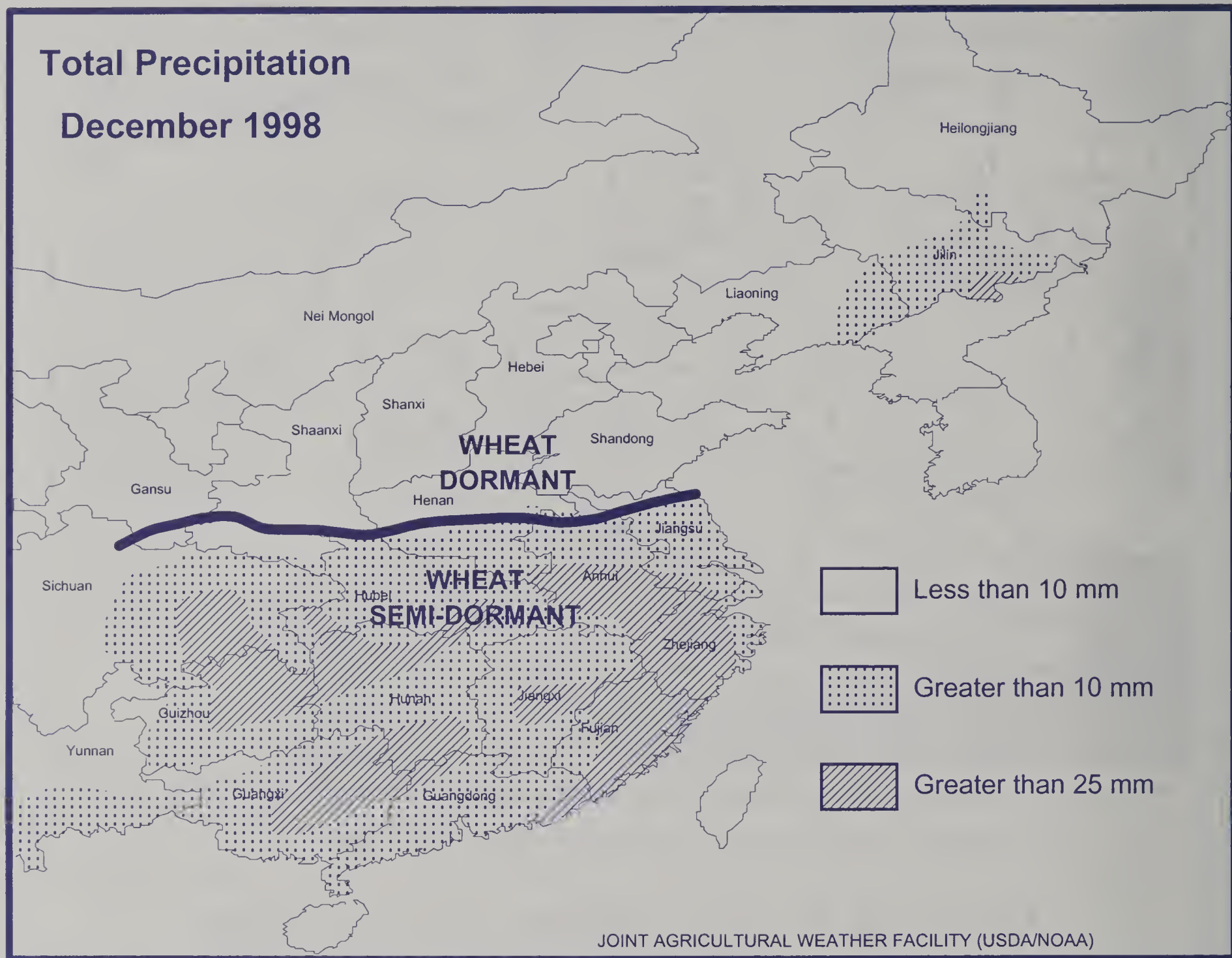


WEATHER AND CROP HIGHLIGHTS

January 12, 1999

- o In Russia, generally mild weather and above-normal precipitation in the North Caucasus region improved overwintering conditions for winter wheat, following unfavorably dry conditions in the fall.
- o Although a brief cold snap from December 23-26, 1998 extended as far south as winter wheat areas in southern Ukraine, snow cover was sufficient to protect winter grains from widespread damage.
- o Since early January, mild weather in most areas provided favorable overwintering conditions for winter wheat, but melted protective snow cover.

MAP 5
CHINA



WEATHER AND CROP HIGHLIGHTS

JANUARY 12, 1999

- In the North China Plain, precipitation has averaged less than 25 percent of normal from September 1 to December 31 in the North China Plain, resulting in the poor establishment of rainfed winter wheat. A significant portion of winter wheat, however, is irrigated or partially irrigated. Adequate irrigation supplies exist due to near- to above-normal summer rainfall. Winter wheat remained dormant across most of the region, despite December temperatures averaging 2 to 3 degrees C above normal.
- Near- to above-normal precipitation favored vegetative winter grains and oilseeds across the lower Yangtze Valley.

FEATURE COMMODITY ARTICLES

WORLD SUNFLOWERSEED PRODUCTION

World sunflowerseed production for 1998/99 is estimated at a record 26.5 million tons, up 11 percent from 1997/98. Strong demand in some major producing countries induced the higher output, but unfavorable economic factors and weather resulted in steady or reduced output in other countries. Harvested area is estimated at a record 21.7 million hectares, up 10 percent from last year. Yield is estimated at 1.22 tons per hectare, virtually unchanged from last year and equal to the 5-year average.

The harvest is complete or nearing completion for the 1998/99 marketing year in Northern Hemisphere countries, while planting is nearly complete in Southern Hemisphere countries such as Argentina, the world's largest producer.

United States: The National Agricultural Statistics Service of the United States Department of Agriculture estimates the U.S. sunflowerseed harvest for 1998/99 at 2.4 million tons, up 0.7 million or 43 percent from 1997/98. Falling prices for wheat and strong demand for sunflowers led to relatively favorable sunflowerseed prices and more area devoted to sunflower production. Harvested area is estimated at 1.4 million hectares in 1998/99, up 25 percent from last year. Yield is estimated at 1.69 tons per hectare, up 14 percent from last year. Despite dryness in western North Dakota early in the season and drought in Texas, precipitation was generally favorable.

The U.S. sunflowerseed crop trended downward from record production of 3.3 million tons in 1979/80 to a low point of 0.8 million in 1989/90. Since then, output has

been volatile varying between 1.0 and 2.2 million tons.

Argentina: Argentina is the world's leading producer of sunflowerseed, accounting for 23 percent of world production. The major growing areas in Argentina include the Provinces of Buenos Aires (61%), Cordoba (14%), La Pampa (11%), and Santa Fe (10%). The 1998/99 sunflowerseed crop is estimated at 6.7 million tons, up 22 percent from last year's output of 5.5 million tons. Harvested area is estimated at 3.8 million hectares, up 15 percent from last year due to strong demand and favorable prices relative to wheat and other grains. Nearly all of the crop was reported planted by January 1, 1999. Yield is forecast at 1.79 tons per hectare, up 6 percent from last season's crop which suffered considerable damage from heavy rains at harvest time. Rainfall has been generally favorable resulting in good soil moisture for the emerging crop.

Russia: Sunflowerseed production for 1998/99 is estimated at 2.8 million tons. Despite a 15-percent increase in sown area, to a record-matching 4.1 million hectares, output is virtually unchanged from 1997/98. Persistent drought in key producing regions, combined with a continued reduction in the application of fertilizers and plant-protection chemicals, drove yields to the lowest level in over 35 years. The drought was most intense in the Volga Valley, where estimated yield dropped over 30 percent from last year and production dipped to 0.6 million tons. In the North Caucasus, a 15-percent increase in area boosted production over last season by 0.3 million tons, to an estimated 1.5 million. Yield, however, was only marginally better

than last year, when the crop was plagued by persistent wetness.

Ukraine: As in Russia, the 1998/99 sunflowerseed output in Ukraine is estimated

at last year's level. Production is estimated at 2.3 million tons with area at a near-record 2.1 million hectares. Yield was hampered by extremely dry conditions in southeastern Ukraine, the country's prime sunflower growing region. The past five years have been marked by a drop in sunflowerseed yields, resulting from unfavorable weather and reduced inputs. Yield has averaged 1.11 tons per hectare over the past five years, compared to 1.56 tons per hectare for the preceding five years.

France: France's sunflowerseed production for 1998/99 is estimated at 1.8 million tons, down 12 percent from last year and the lowest since 1993/94. Production is down from last year due to reduced area. Yield in 1998/99 is estimated at 2.22 tons per hectare, virtually unchanged from last year. Continuous rains during harvest lowered potential yield. Harvested area for the 1998/99 is estimated at 0.8 million hectares, down 12 percent from last year, as more winter crops were planted.

India: While India ranks as the world's third largest in sunflower area, lower yield places India sixth in total production relative to other countries. Production for 1998/99 is estimated at 1.5 million tons, up 7 percent from last season. A record yield of 0.68 tons per hectare is estimated for the 1998/99 season during which India saw its eleventh consecutive favorable monsoon. This season enjoyed a strong monsoon, with 31 of the 35 weather districts reporting normal or above normal rainfall. This season's 0.1 million hectare increase in area was due to the prevailing high prices for sunflower seed and oil caused by increasing demand. The use of refined sunflower oil is gaining popularity in several segments of the population including health conscious consumers.

Spain: Sunflowerseed production in Spain in 1998/99 is estimated at 1.3 million tons, down 5 percent from 1997/98. This year, favorable rainfall in May was followed by dryness in northeastern Spain which stressed the crop. However, adequate rainfall later in the growing season allowed the crop to finish well. Overall, the season is considered good, but less favorable than a year earlier. Yield is estimated at 1.30 tons per hectare, down 8 percent from the record 1.41 tons set in 1997/98. Area harvested for 1998/99 is estimated at 1.0 million hectares, similar to last year's level.

China: China is the world's eighth largest producer of sunflowerseed, accounting for 5 percent of world production in 1998/99. Output is estimated at 1.3 million tons, up 6 percent from last year's drought-reduced crop. Abundant summer rainfall this season and favorable harvest conditions resulted in above average yield. Sunflowerseed is a minor oilseed crop in China, trailing behind soybeans, peanuts, rapeseed, and cottonseed. In the mid-1980's, China's sunflowerseed area exceeded 1.5 million hectares, but changes in farming practices and continued disease problems led to a sharp decline in planted area. Since 1993/94, area and production have remained relatively stable, at 0.7 to 0.8 million hectares and 1.2 to 1.4 million tons. Production is concentrated in Inner Mongolia, which accounted for nearly 50 percent of total sunflowerseed output in 1997/98.

Heilongjiang, Jilin, and Xinjiang Provinces are also important producers. Sunflowerseeds are grown primarily for food use in the northeast, but most of the crop in Xinjiang is crushed for oil.

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TABLE 21

WORLD SUNFLOWERSEED AREA

(1,000 Hectares)

	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Argentina	2,200	2,800	2,300	2,800	2,300	2,070	2,800	3,200	2,900	3,252	3,750
Australia	185	66	167	79	61	108	135	73	137	92	145
Austria	21	25	23	25	32	35	39	29	19	20	24
Brazil	12	4	4	4	4	4	5	5	5	5	5
Bulgaria	265	240	238	270	476	470	485	490	450	450	490
Burma	182	134	163	146	156	111	183	180	221	240	240
Canada	40	53	65	82	72	77	83	45	36	50	69
Chile	15	16	14	12	7	10	6	4	3	3	3
China	830	716	713	789	807	723	805	813	690	716	700
Colombia	3	2	1	2	2	2	2	2	2	2	2
Czechoslovakia	30	31	34	56	50	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	18	16	19	20	21	23
Slovakia	0	0	0	0	0	32	34	47	53	47	60
Egypt	10	11	18	18	22	29	22	29	21	11	5
Ethiopia	61	61	61	61	61	61	60	60	60	60	60
France	951	907	1,140	1,071	985	820	1,025	975	915	895	790
Georgia	12	14	13	12	12	13	13	13	13	13	13
Germany	0	0	0	44	65	82	189	52	44	34	34
Germany, West	14	15	25	0	0	0	0	0	0	0	0
Greece	42	26	18	14	17	15	15	15	15	15	15
Hungary	363	356	346	389	427	392	412	491	475	446	480
India	1,104	1,192	1,633	2,114	2,093	2,677	1,970	2,170	1,995	2,100	2,200
Iran	24	23	74	79	50	55	57	59	59	59	59
Iraq	14	14	14	14	14	14	14	14	12	12	12
Israel	6	9	4	16	16	11	12	9	10	11	11
Italy	165	134	173	132	120	116	215	248	263	304	280
Kazakhstan	122	131	137	190	297	270	275	285	300	300	300
Kenya	16	16	16	15	16	16	15	15	15	15	15
Mexico	16	12	12	12	8	3	3	6	6	6	6
Moldova	127	129	134	127	131	125	119	160	160	160	160
Morocco	88	110	156	131	190	190	30	160	200	200	200
Mozambique	35	35	35	30	35	35	23	25	25	25	25
Pakistan	29	26	47	61	61	70	70	68	86	96	54
Paraguay	6	4	4	4	4	20	30	44	40	40	40
Portugal	75	66	50	47	77	102	131	94	106	84	84
Romania	444	434	395	477	560	590	582	715	910	778	820
Russia	2,438	2,565	2,739	2,576	2,889	2,920	3,113	4,100	3,894	3,583	4,100
South Africa	410	519	575	454	400	382	540	608	464	511	850
Spain	921	977	1,201	1,070	1,366	1,700	1,240	975	990	970	1,000
Syria	19	10	10	10	10	16	10	9	7	7	7
Tanzania	83	84	85	85	85	81	82	83	82	82	82
Turkey	700	800	700	550	700	580	550	625	540	500	520
Uganda	5	5	5	5	5	5	5	5	6	6	6
Ukraine	1,567	1,609	1,615	1,578	1,641	1,637	1,784	2,000	2,107	2,000	2,100
United States	777	723	749	1,082	827	1,006	1,388	1,363	1,003	1,130	1,407
Uruguay	57	48	65	68	68	68	97	91	91	91	91
Venezuela	115	110	20	20	12	22	25	18	17	22	22
Yugoslavia	209	204	214	173	214	221	181	189	230	200	220
Zambia	42	44	45	40	40	40	40	48	20	35	35
Zimbabwe	102	123	152	120	140	118	140	108	62	58	62
WORLD TOTAL	14,952	15,633	16,402	17,154	17,625	18,162	19,070	20,836	19,779	19,757	21,676

TABLE 22

WORLD SUNFLOWERSEED YIELD

(Metric tons per hectare)

	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Argentina	1.46	1.36	1.83	1.36	1.35	1.86	2.11	1.75	1.86	1.69	1.79
Australia	0.93	1.11	0.90	1.06	0.84	1.18	0.95	1.19	1.21	1.07	1.10
Austria	2.67	2.92	2.44	2.96	2.31	2.80	2.31	2.10	2.32	2.20	2.50
Brazil	1.08	1.25	1.25	1.25	1.25	1.25	1.20	1.20	1.20	1.20	1.20
Bulgaria	1.39	1.86	1.57	1.61	1.21	0.94	1.23	1.33	1.09	1.11	0.98
Burma	0.71	0.66	0.59	0.60	0.62	0.73	0.60	0.65	0.73	0.75	0.75
Canada	1.23	1.28	1.69	1.65	1.67	1.03	1.41	1.47	1.56	1.30	1.59
Chile	2.13	2.06	2.29	2.25	2.14	2.00	2.00	1.50	2.00	2.00	2.00
China	1.42	1.49	1.88	1.80	1.82	1.77	1.70	1.56	1.92	1.64	1.79
Colombia	1.33	1.50	1.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Czechoslovakia	2.07	2.26	2.32	2.32	2.30	0.00	0.00	0.00	0.00	0.00	0.00
Czech Republic	0.00	0.00	0.00	0.00	0.00	2.50	2.38	1.79	1.95	2.24	2.00
Slovakia	0.00	0.00	0.00	0.00	0.00	2.00	1.62	1.72	1.96	2.09	2.00
Egypt	1.80	1.91	2.28	2.28	2.09	2.14	2.18	2.07	2.19	2.27	2.40
Ethiopia	0.36	0.36	0.36	0.36	0.36	0.36	0.37	0.37	0.37	0.37	0.37
France	2.46	2.34	2.12	2.40	2.14	2.00	2.00	1.95	2.19	2.21	2.22
Georgia	1.42	0.21	0.69	0.83	0.83	0.77	0.92	0.92	0.92	0.92	0.92
Germany	0.00	0.00	0.00	3.00	2.68	2.61	1.65	2.14	2.34	2.50	2.62
Germany, West	2.64	3.20	2.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Greece	1.79	2.04	1.61	2.50	2.65	2.53	2.60	2.60	2.60	2.60	2.60
Hungary	1.95	1.94	1.95	2.05	1.77	1.79	1.61	1.49	1.68	1.22	1.67
India	0.34	0.53	0.54	0.57	0.57	0.52	0.61	0.65	0.66	0.67	0.68
Iran	1.00	0.83	0.76	0.72	0.84	0.84	0.84	0.85	0.85	0.85	0.85
Iraq	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	1.25	1.25	1.25
Israel	1.17	1.89	3.00	1.81	1.81	1.09	1.17	1.89	1.80	1.82	1.82
Italy	2.21	2.54	2.33	2.44	2.16	2.21	2.30	2.00	1.99	1.67	1.96
Kazakhstan	1.14	0.80	1.03	0.57	0.33	0.32	0.36	0.40	0.33	0.40	0.40
Kenya	1.25	1.25	1.25	1.33	1.25	1.25	1.33	1.33	1.33	1.33	1.33
Mexico	0.63	0.83	0.83	0.83	0.88	0.67	0.67	0.83	0.83	0.83	0.83
Moldova	2.12	2.19	1.88	1.33	1.50	1.39	1.12	1.27	1.25	1.25	1.25
Morocco	1.00	0.96	1.03	0.83	0.79	0.24	0.17	0.34	0.60	0.60	0.60
Mozambique	0.57	0.57	0.57	0.50	0.57	0.57	0.52	0.56	0.56	0.56	0.56
Pakistan	1.17	0.96	1.17	1.69	1.10	1.51	1.51	1.27	1.28	1.30	1.33
Paraguay	1.17	1.00	1.00	1.00	1.00	1.30	1.40	1.57	1.50	1.50	1.50
Portugal	0.77	0.68	0.90	0.72	0.66	0.44	0.47	0.30	0.36	0.42	0.45
Romania	1.31	1.51	1.41	1.28	1.10	1.18	1.32	1.31	1.30	1.10	1.18
Russia	1.21	1.48	1.25	1.12	1.06	0.95	0.82	1.02	0.71	0.79	0.68
South Africa	1.04	1.21	1.02	0.38	0.91	1.02	0.83	1.24	0.97	1.09	1.00
Spain	1.22	0.95	1.08	0.84	0.98	0.72	0.79	0.59	1.15	1.41	1.30
Syria	0.79	1.00	1.00	1.00	1.00	1.63	1.50	1.33	1.43	1.43	1.43
Tanzania	0.40	0.26	0.29	0.29	0.29	0.37	0.39	0.40	0.39	0.39	0.39
Turkey	1.57	1.50	1.23	1.18	1.40	1.21	1.09	1.20	1.01	1.30	1.25
Uganda	0.40	0.40	0.40	0.60	0.40	0.40	0.40	0.60	0.50	0.50	0.50
Ukraine	1.77	1.79	1.69	1.55	1.39	1.36	0.88	1.43	1.01	1.15	1.10
United States	1.05	1.10	1.38	1.52	1.41	1.16	1.58	1.34	1.61	1.48	1.69
Uruguay	0.84	0.60	0.88	0.88	0.81	0.81	1.13	1.23	1.21	1.21	1.21
Venezuela	0.78	0.91	1.00	1.00	1.00	1.14	1.08	0.83	0.82	0.82	0.82
Yugoslavia	1.96	2.06	1.97	2.17	1.86	1.95	1.93	1.76	1.87	1.65	1.82
Zambia	0.48	0.82	0.56	0.45	0.63	0.63	0.63	0.56	0.40	0.51	0.51
Zimbabwe	0.47	0.52	0.45	0.26	0.49	0.42	0.29	0.47	0.55	0.38	0.45
WORLD TOTAL	1.36	1.40	1.40	1.27	1.21	1.15	1.23	1.24	1.21	1.21	1.22

TABLE 23

WORLD SUNFLOWERSEED PRODUCTION

(1,000 Metric tons)

	1988/89	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Argentina	3,200	3,800	4,200	3,800	3,100	3,850	5,900	5,600	5,400	5,500	6,700
Australia	172	73	151	84	51	127	128	87	166	98	160
Austria	56	73	56	74	74	98	90	61	44	44	60
Brazil	13	5	5	5	5	5	6	6	6	6	6
Bulgaria	367	447	374	434	578	440	595	650	490	500	480
Burma	129	89	96	87	96	81	110	117	161	180	180
Canada	49	68	110	135	120	79	117	66	56	65	110
Chile	32	33	32	27	15	20	12	6	6	6	6
China	1,180	1,064	1,339	1,420	1,472	1,282	1,370	1,270	1,325	1,176	1,250
Colombia	4	3	1	3	3	3	3	3	3	3	3
Czechoslovakia	62	70	79	130	115	0	0	0	0	0	0
Czech Republic	0	0	0	0	0	45	38	34	39	47	46
Slovakia	0	0	0	0	0	64	55	81	104	98	120
Egypt	18	21	41	41	46	62	48	60	46	25	12
Ethiopia	22	22	22	22	22	22	22	22	22	22	22
France	2,335	2,125	2,415	2,570	2,110	1,640	2,050	1,900	2,000	1,980	1,750
Georgia	17	3	9	10	10	10	12	12	12	12	12
Germany	0	0	0	132	174	214	311	111	103	85	89
Germany, West	37	48	72	0	0	0	0	0	0	0	0
Greece	75	53	29	35	45	38	39	39	39	39	39
Hungary	708	692	673	797	756	700	665	730	800	545	800
India	370	631	873	1,194	1,185	1,400	1,204	1,400	1,315	1,400	1,500
Iran	24	19	56	57	42	46	48	50	50	50	50
Iraq	11	11	11	11	11	11	11	11	15	15	15
Israel	7	17	12	29	29	12	14	17	18	20	20
Italy	365	340	403	322	259	256	495	496	523	509	550
Kazakhstan	139	105	141	108	98	86	100	115	100	120	120
Kenya	20	20	20	20	20	20	20	20	20	20	20
Mexico	10	10	10	10	7	2	2	5	5	5	5
Moldova	269	282	252	169	197	174	133	203	200	200	200
Morocco	88	105	160	109	150	46	5	55	120	120	120
Mozambique	20	20	20	15	20	20	12	14	14	14	14
Pakistan	34	25	55	103	67	106	106	86	110	125	72
Paraguay	7	4	4	4	4	26	42	69	60	60	60
Portugal	58	45	45	34	51	45	62	28	38	35	38
Romania	580	656	556	612	618	696	767	933	1,180	858	970
Russia	2,958	3,789	3,427	2,895	3,073	2,765	2,553	4,200	2,765	2,831	2,800
South Africa	428	626	589	174	364	390	450	755	450	557	850
Spain	1,123	929	1,300	900	1,343	1,215	979	575	1,138	1,367	1,300
Syria	15	10	10	10	10	26	15	12	10	10	10
Tanzania	33	22	25	25	25	30	32	33	32	32	32
Turkey	1,100	1,200	860	650	980	700	600	750	545	650	650
Uganda	2	2	2	3	2	2	2	3	3	3	3
Ukraine	2,775	2,885	2,725	2,448	2,277	2,226	1,570	2,850	2,123	2,300	2,300
United States	813	798	1,031	1,639	1,163	1,167	2,193	1,819	1,614	1,668	2,380
Uruguay	48	29	57	60	55	55	110	112	110	110	110
Venezuela	90	100	20	20	12	25	27	15	14	18	18
Yugoslavia	410	420	422	376	399	431	350	333	430	330	400
Zambia	20	36	25	18	25	25	25	27	8	18	18
Zimbabwe	48	64	68	31	68	49	40	51	34	22	28
WORLD TOTAL	20,341	21,889	22,883	21,852	21,346	20,832	23,538	25,892	23,866	23,898	26,498

SOUTHEAST AUSTRALIA TRIP REPORT

Analysts from USDA's Foreign Agricultural Service, jointly traveled throughout New South Wales and Victoria during November 1998. The purpose of the trip was to assess 1998/99 crop production prospects following highly variable weather including severe flooding and drought in southeast Australia. In addition to extensive in-country travel, USDA personnel met with Australian officials responsible for crop assessment and remote sensing, regional Department of Agriculture officials, agronomists, agricultural research scientists, producers, and grain handling industry representatives. The following is a summary of field observations and discussions for the region's major crops.

New South Wales (NSW) experienced a highly variable season. Some areas saw excellent growing conditions, while others were affected by frost, flooding, and disease. Northern NSW and much of the central region received record rainfall. The excessive rainfall created abnormally wet conditions resulting in waterlogged patches, maturity differences, and general harvesting difficulties. Wet, humid conditions combined with below average temperatures created problems associated with fungal disease, excessive weeds, and harvesting delays. The southern and south-central growing areas had much more favorable seasonal conditions. However, late-season frosts damaged grains in some of the more southern growing areas.

The Mallee region, in northwest Victoria, was Australia's worst drought affected grain area resulting in sparse plant populations and small grain heads. The Wimmera and southern cropping region experienced a more favorable growing season with near average rainfall; however, frost in late-October reduced yield prospects.

The highly variable weather this season resulted in large variations in both yield and

grain quality, even within relatively small geographic areas of southeast Australia. The bulk handling organizations managed this very difficult situation with great skill. Many grain receiving centers accepted several extra grades of grain to accommodate the high variability in quality. In addition, the Australian Wheat Board made an extra effort to minimize feed quality wheat by increasing the number of segregation's. Also, a larger number of growers will hold grain on-farm in hopes of better prices later this year.

In some grain regions of Australia, producers have the option to store grain on-farm to maximize their marketing options. This is a typical practice in most seasons when feed grain prices are depressed. However, this year there is a significant increase in on-farm holdings of weather damaged grain making receival figures this season a distorting indicator of actual production. The problem is complicated by the fact that many growers will keep poor quality grain on farm to use as feed during the winter or sell it privately. This is driven by the widespread low feed grain prices. Grain Corp, the NSW bulk handling organization, estimated that almost two million tons of wheat failed to make milling grades, while high screenings and low test weights excluded a large proportion of feed barley from the number one grade.

The success of this year's rapeseed crop makes rapeseed a promising crop to include in future rotations, despite erratic rainfall and late-season frosts. This year's late-season frost had only a minor impact on rapeseed oil content. For the 1999/2000 season, rapeseed area may increase dramatically as farmers respond to reported higher profits and greater familiarity with the crop. Better yielding varieties are being developed for the shorter-season dry areas of Victoria.

Sunflower production increased this season in

NSW as a larger than normal area was planted. The larger planting of sunflowers and other summer crops took advantage of the previously flooded regions, especially around the Liverpool Plains in the north.

Cotton in NSW is estimated at a record planted area fro 1998/99. The majority of the area increase is in dryland planting. The factors which led to the larger planted area include water availability, soil moisture, winter crop losses, and strong prices, stemming from comparative currency and quality advantages. Most reservoirs and on-farm water storage systems were full at the beginning of the season for the irrigated crop.

The above average rains during the winter left the region with excellent soil moisture profiles to plant dryland cotton. Many farmers who lost winter crops to excessive rainfall planted cotton to offset their earlier losses. Prices for

Australian cotton led many farmers to forward sell at record prices. This season, cotton plants were slow to develop due to cool

temperatures. However, temperatures increased significantly and provided the necessary heat units to benefit the crop.

Overall the most notable agricultural change in southeast Australia is a shift from pasture to cropland. The decline in both wool and cattle prices caused producers to consider relatively more profitable agricultural activities such a rotational cropping. Crops with the most rapid area increase in the region are rapeseed and legumes. There will continue to be less area in pasture and more in rapeseed, legumes, and grains. Rapeseed and lentils are increasing in popularity as varieties improve and better agronomic management practices incorporated. However, some of the legumes, particularly lentils, are very susceptible to frost damage and therefore can be risky to grow. The grain area depends on market prices. This year's dryland cotton success will partly determine next season's planted area. If successful this season, it will increase the number of farmers who consider cotton as a viable summer dryland option.

TABLE 24

Australia's 1998/99 Forecasts

Crop	Area (hectares)	Production	Yield (kg/ha)
	(,000)	(,000)	
Wheat	11,450	21,000 tons	1,834
Barley	3,000	5,300 tons	1,767
Rapeseed	1,150	1,600 tons	1,391
Sunflowerseed	145	160 tons	1,103
Cotton	520	3,300 bales	1,382

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SOUTHERN AFRICA GRAIN PRODUCTION

Total-grain production in Southern Africa for 1998/99 is forecast at 20.4 million tons, up from 18.9 million in 1997/98. Area harvested in 1998/99 is forecast at 13.1 million hectares, virtually unchanged from 1997/98. For the purpose of this article, Southern Africa includes the following countries: Angola, Lesotho, Madagascar, Malawi, Mozambique, South Africa, Swaziland, Zambia, and Zimbabwe.

In Southern Africa, the overall growing conditions have been favorable due to adequate rains in several countries. Grain production is estimated to increase in Angola, Lesotho, South Africa, Zambia, and Zimbabwe. Grain production remains virtually unchanged in Madagascar, Mozambique, and Swaziland, while production is estimated to decrease in Malawi.

Angola: Total-grain production in Angola for 1998/99 is forecast at 0.6 million tons, up from 0.4 million in 1997/98. Area harvested in 1998/99 is forecast at 0.8 million hectares, unchanged from last year. The main grain crops produced are corn and millet with output forecast at 0.5 million and 0.1 million tons, respectively. Recent beneficial rains in the main grain producing areas of the Central Plateau benefitted the corn and millet crops. However, agricultural activities continue to be hampered by shortages of fertilizer, seeds, and the displacement of rural people from their farms because of intensified violence in several parts of the country.

Lesotho: In Lesotho, total-grain production for 1998/99 is forecast at 0.2 million tons, up from 0.1 million in 1997/98. Area harvested in 1998/99 is forecast at 0.1 million hectares, the same as last year. The main grain crops produced are corn and sorghum forecast at 0.1 million tons and 35,000 tons, respectively. The country had normal rains in October that

encouraged land preparation and early sowing. Rainfall has been near normal through the first part of the growing season.

Madagascar: Total-grain production in Madagascar for 1998/99 is forecast at 1.8 million tons, virtually unchanged from last year. Area harvested in 1998/99 is forecast at 1.4 million hectares, also unchanged from the previous year. The main grain crops produced are rice and corn which are forecast at 1.7 million (milled basis) and 0.2 million tons, respectively. Heavy rains followed by light rains favored the transplanting of the main paddy crop. The overall situation in the country is projected to remain relatively stable including the drought prone south where some locust damage to crops was reported.

Malawi: In Malawi, total-grain production for 1998/99 is forecast at 1.6 million tons, down from 1.8 million in 1997/98. Area harvested in 1998/99 is forecast at 1.3 million hectares, unchanged from 1997/98. The main grain crop produced is corn which is forecast at 1.6 million tons. In the north, excessive rain at planting caused flooding and crop losses, but light rain followed prompting replanting. Yield is forecast to be slightly above average.

Mozambique: Total-grain production in Mozambique for 1998/99 is forecast at 1.6 million tons, unchanged from the previous year. Area harvested in 1998/99 is forecast at 1.8 million hectares, unchanged from 1997/98. Corn, sorghum, and rice are the main grain crops produced and are forecast at 1.1 million, 0.3 million, and 0.1 million (milled basis) tons, respectively. Some rain received in late-October favored early planting, but localized areas had some flooding in the north. Below normal rainfall followed and is stressing the crop.

South Africa: Total-grain production for

1998/99 in the Republic of South Africa is estimated at 11.0 million tons, up 0.7 million from last season. Harvested area is estimated at 4.9 million hectares, down 8 percent from 1997/98. Favorable rainfall across the corn growing regions since mid-October provided plentiful soil moisture conducive for planting. Accordingly, farmers increased their planting intentions for corn up to an estimated 3.2 million hectares. Although corn can be planted into mid-January, most of the corn was planted earlier due to the exceptional weather. Late-January and early-February temperatures will be critical, as temperatures can peak in the 40's Celsius during pollination and severely damage yield potential. Corn production is estimated at 9.0 million tons, up 1.5 million from 1997/98. For wheat, depressed world prices caused producers to reduce area year-to-year by 46 percent, to 0.8 million hectares. Production is pegged at 1.5 million tons, down 0.8 million from last year as the decrease in area more than offset a yield of 1.97 tons per hectare, the second highest level.

Swaziland: In Swaziland, total-grain production for 1998/99 is forecast at 0.1 million tons, unchanged from the previous year. Area harvested in 1998/99 is forecast at 64,000 hectares, unchanged from 1997/98. Corn is the main grain crop produced and is forecast at 0.1 million tons in 1998/99. Above normal rainfall in early-October and moderate precipitation at the end of the month allowed sowing of the corn crop. To-date, the crops are in good condition due to above normal rainfall.

Zambia: Total-grain production for 1998/99 is estimated at 1.2 million tons, up 0.4 million from last season's poor crop. Harvested area is estimated to return to a more-average level of 0.7 million hectares. Last season, poor weather and reduced fertilizer availability caused area and yield to decline significantly. However, this season, fertilizer availability (both cost and access) is reportedly slightly better than last season. Seasonal rainfall has been beneficial for the crops this year. Corn output is estimated at 1.0 million tons, up 0.3 million from 1997/98.

Zimbabwe: Total-grain production for 1998/99 is estimated at 2.4 million tons, up 0.5 million from a year ago. Harvested area is estimated at 1.9 million hectares, up 13 percent from 1997/98 due to a rebound in corn. Following last season's dry weather, the 1998/99 crop is off to a good start with widespread rainfall. Corn will be passing through the reproductive period later this month. No significant change in the use of chemicals or fertilizers is expected this season. Corn production is estimated at 1.9 million tons, up 0.4 million from last year. Harvested area is estimated at a near-average level of 1.5 million hectares. Wheat output is estimated at 0.3 million tons, about the same as last season.

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SOUTHERN AFRICA: AREA, YIELD AND PRODUCTION

	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Angola										
Corn										
AREA (1,000 Ha)	400	500	500	520	500	500	700	725	725	725
YIELD (MT/HA)	0.44	0.60	0.74	0.52	0.40	0.47	0.57	0.55	0.51	0.69
PROD (1,000 Mt)	175	300	370	270	200	235	400	400	370	500
Millet										
AREA (1,000 Ha)	70	70	70	70	70	70	70	75	70	70
YIELD (MT/HA)	0.50	0.57	1.07	0.57	0.79	0.86	0.86	1.33	0.86	1.29
PROD (1,000 Mt)	35	40	75	40	55	60	60	100	60	90
Rice, Milled										
AREA (1,000 Ha)	20	5	5	5	5	5	10	10	10	10
YIELD (MT/HA)	0.65	0.60	0.60	0.60	0.60	0.60	0.90	0.90	0.90	0.90
PROD (1,000 Mt)	13	3	3	3	3	3	9	9	9	9
Wheat										
AREA (1,000 Ha)	7	5	5	5	5	5	5	5	5	5
YIELD (MT/HA)	0.57	0.60	0.80	0.80	0.60	0.80	0.80	0.80	0.80	0.80
PROD (1,000 Mt)	4	3	4	4	3	4	4	4	4	4
Total Grains										
AREA (1,000 Ha)	497	580	580	600	580	580	785	815	810	810
YIELD (MT/HA)	0.46	0.60	0.78	0.53	0.45	0.52	0.60	0.63	0.55	0.74
PROD (1,000 Mt)	227	346	452	317	261	302	473	513	443	603
Lesotho										
Corn										
AREA (1,000 Ha)	130	60	50	100	150	100	150	145	100	100
YIELD (MT/HA)	1.31	1.83	0.80	0.90	1.17	0.72	1.33	1.03	1.00	1.15
PROD (1,000 Mt)	170	110	40	90	175	72	200	150	100	115
Sorghum										
AREA (1,000 Ha)	50	68	35	40	50	20	27	40	25	35
YIELD (MT/HA)	0.48	0.41	0.43	1.30	1.20	0.70	1.15	0.75	0.80	1.00
PROD (1,000 Mt)	24	28	15	52	60	14	31	30	20	35
Wheat										
AREA (1,000 Ha)	31	18	25	14	13	13	20	30	20	10
YIELD (MT/HA)	0.65	0.56	0.80	0.64	0.62	1.54	1.50	1.00	0.75	1.00
PROD (1,000 Mt)	20	10	20	9	8	20	30	30	15	10
Total Grains										
AREA (1,000 Ha)	211	146	110	154	213	133	197	215	145	145
YIELD (MT/HA)	1.01	1.01	0.68	0.98	1.14	0.80	1.32	0.98	0.93	1.10
PROD (1,000 Mt)	214	148	75	151	243	106	261	210	135	160

TABLE 25 (CONTINUED)

SOUTHERN AFRICA: AREA, YIELD AND PRODUCTION										
	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Madagascar										
Corn										
AREA (1,000 Ha)	145	145	140	165	165	140	180	190	190	190
YIELD (MT/HA)	1.17	1.10	1.00	1.00	1.09	1.14	1.00	0.95	0.95	0.79
PROD (1,000 Mt)	170	160	140	165	180	160	180	180	180	150
Rice, Milled										
AREA (1,000 Ha)	1,220	1,240	1,200	1,158	1,209	1,180	1,150	1,200	1,200	1,200
YIELD (MT/HA)	1.21	1.24	1.18	1.34	1.35	1.28	1.39	1.38	1.38	1.38
PROD (1,000 Mt)	1,475	1,540	1,413	1,550	1,632	1,510	1,600	1,650	1,650	1,650
Total Grains										
AREA (1,000 Ha)	1,365	1,385	1,340	1,323	1,374	1,320	1,330	1,390	1,390	1,390
YIELD (MT/HA)	1.21	1.23	1.16	1.30	1.32	1.27	1.34	1.32	1.32	1.29
PROD (1,000 Mt)	1,645	1,700	1,553	1,715	1,812	1,670	1,780	1,830	1,830	1,800
Malawi										
Corn										
AREA (1,000 Ha)	1,344	1,360	1,370	1,350	1,150	1,225	1,250	1,250	1,250	1,250
YIELD (MT/HA)	1.00	1.18	0.48	1.48	0.91	1.31	1.44	0.98	1.40	1.28
PROD (1,000 Mt)	1,343	1,600	660	2,000	1,050	1,600	1,800	1,225	1,750	1,600
Rice, Milled										
AREA (1,000 Ha)	26	25	10	18	39	27	35	40	40	40
YIELD (MT/HA)	1.15	1.16	1.00	0.89	1.10	1.04	0.94	1.13	1.13	1.13
PROD (1,000 Mt)	30	29	10	16	43	28	33	45	45	45
Total Grains										
AREA (1,000 Ha)	1,370	1,385	1,380	1,368	1,189	1,252	1,285	1,290	1,290	1,290
YIELD (MT/HA)	1.00	1.18	0.49	1.47	0.92	1.30	1.43	0.98	1.39	1.28
PROD (1,000 Mt)	1,373	1,629	670	2,016	1,093	1,628	1,833	1,270	1,795	1,645

TABLE 25 (CONTINUED)

SOUTHERN AFRICA: AREA, YIELD AND PRODUCTION										
	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Mozambique										
Corn										
AREA (1,000 Ha)	670	600	600	600	600	700	1000	1100	1100	1100
YIELD (MT/HA)	0.68	0.50	0.23	0.88	0.88	1.05	0.95	0.95	1.00	1.00
PROD (1,000 Mt)	453	300	140	530	525	734	950	1050	1100	1100
Millet										
AREA (1,000 Ha)	90	95	90	80	90	96	85	90	90	90
YIELD (MT/HA)	0.61	0.60	0.33	0.28	0.31	0.36	0.41	0.44	0.33	0.33
PROD (1,000 Mt)	55	57	30	22	28	35	35	40	30	30
Rice, Milled										
AREA (1,000 Ha)	50	70	60	109	105	121	130	145	175	175
YIELD (MT/HA)	0.72	0.6	0.67	0.18	0.38	0.54	0.58	0.62	0.69	0.69
PROD (1,000 Mt)	36	42	40	20	40	65	75	90	120	120
Sorghum										
AREA (1,000 Ha)	200	200	200	200	200	250	300	350	400	400
YIELD (MT/HA)	0.80	0.70	0.33	0.70	0.80	0.97	0.83	0.77	0.75	0.75
PROD (1,000 Mt)	160	140	66	140	160	243	250	270	300	300
Wheat										
AREA (1,000 Ha)	2	4	3	3	3	3	3	3	3	3
YIELD (MT/HA)	1.00	1.25	0.67	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	2	5	2	3	3	3	3	3	3	3
Total Grains										
AREA (1,000 Ha)	1,012	969	953	992	998	1,170	1,518	1,688	1,768	1,768
YIELD (MT/HA)	0.70	0.56	0.29	0.72	0.76	0.92	0.86	0.86	0.88	0.88
PROD (1,000 Mt)	706	544	278	715	756	1,080	1,313	1,453	1,553	1,553
South Africa										
Barley										
AREA (1,000 Ha)	97	110	135	138	112	120	125	127	132	112
YIELD (MT/HA)	3.00	2.38	1.26	1.92	2.05	2.29	2.40	1.39	1.38	1.92
PROD (1,000 Mt)	291	262	170	265	230	275	300	176	182	215
Corn										
AREA (1,000 Ha)	3,475	3,026	3,452	3,660	3,900	2,952	3,300	3,360	2,956	3,200
YIELD (MT/HA)	2.64	2.85	0.95	2.73	3.40	1.64	3.09	2.68	2.55	2.81
PROD (1,000 Mt)	9,180	8,615	3,275	9,990	13,275	4,845	10,200	9,012	7,550	9,000
Oats										
AREA (1,000 Ha)	690	700	811	835	801	700	698	675	700	700
YIELD (MT/HA)	0.06	0.06	0.05	0.05	0.06	0.05	0.05	0.05	0.06	0.06
PROD (1,000 Mt)	42	40	40	45	50	37	38	34	45	45
Rye										
AREA (1,000 Ha)	20	20	20	20	20	20	20	20	20	20
YIELD (MT/HA)	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
PROD (1,000 Mt)	3	3	3	3	3	3	3	3	3	3
Sorghum										
AREA (1,000 Ha)	138	115	135	170	161	143	174	161	131	132
YIELD (MT/HA)	2.09	2.09	0.73	2.52	2.68	1.68	2.56	2.20	2.14	2.27
PROD (1,000 Mt)	288	240	98	428	432	240	445	355	280	300
Wheat										
AREA (1,000 Ha)	1,831	1,550	1,433	743	1,065	1,035	1,363	1,294	1,382	750
YIELD (MT/HA)	1.11	1.10	1.49	1.77	1.85	1.77	1.43	2.09	1.65	1.97
PROD (1,000 Mt)	2,026	1,702	2,132	1,318	1,975	1,832	1,950	2,700	2,283	1,475
Total Grains										
AREA (1,000 Ha)	6,251	5,521	5,986	5,566	6,059	4,970	5,680	5,637	5,321	4,914
YIELD (MT/HA)	1.89	1.97	0.96	2.16	2.63	1.46	2.28	2.18	1.94	2.25
PROD (1,000 Mt)	11,830	10,862	5,718	12,049	15,965	7,232	12,936	12,280	10,343	11,038

TABLE 25 (CONTINUED)

SOUTHERN AFRICA: AREA, YIELD AND PRODUCTION										
	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Swaziland										
Corn										
AREA (1,000 Ha)	84	80	60	75	75	60	75	60	60	60
YIELD (MT/HA)	0.95	1.91	0.90	0.97	1.32	1.27	1.80	1.67	1.67	1.67
PROD (1,000 Mt)	80	153	54	73	99	76	135	100	100	100
Rice, Milled										
AREA (1,000 Ha)	2	2	2	2	2	2	2	2	2	2
YIELD (MT/HA)	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
PROD (1,000 Mt)	3	3	3	3	3	3	3	3	3	3
Sorghum										
AREA (1,000 Ha)	2	2	2	2	2	2	2	2	2	2
YIELD (MT/HA)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PROD (1,000 Mt)	2	2	2	2	2	2	2	2	2	2
Total Grains										
AREA (1,000 Ha)	88	84	64	79	79	64	79	64	64	64
YIELD (MT/HA)	0.97	1.88	0.92	0.99	1.32	1.27	1.77	1.64	1.64	1.64
PROD (1,000 Mt)	85	158	59	78	104	81	140	105	105	105
Zambia										
Corn										
AREA (1,000 Ha)	763	620	570	750	700	650	675	600	450	650
YIELD (MT/HA)	1.44	1.94	0.82	2.16	1.46	1.23	2.07	1.67	1.44	1.54
PROD (1,000 Mt)	1,096	1,200	470	1,620	1,020	800	1,400	1,000	650	1,000
Millet										
AREA (1,000 Ha)	40	50	50	50	82	73	80	80	70	70
YIELD (MT/HA)	0.58	0.50	0.96	0.80	0.76	0.75	0.75	0.75	0.71	0.79
PROD (1,000 Mt)	23	25	48	40	62	55	60	60	50	55
Rice, Milled										
AREA (1,000 Ha)	11	10	11	14	14	7	10	10	11	11
YIELD (MT/HA)	0.82	0.70	0.82	0.43	0.57	0.57	0.80	0.70	0.64	0.64
PROD (1,000 Mt)	9	7	9	6	8	4	8	7	7	7
Sorghum										
AREA (1,000 Ha)	50	50	40	50	55	40	50	45	40	40
YIELD (MT/HA)	0.40	0.50	0.38	0.70	0.64	0.68	0.70	0.67	0.63	0.63
PROD (1,000 Mt)	20	25	15	35	35	27	35	30	25	25
Wheat										
AREA (1,000 Ha)	8	9	10	13	18	18	18	20	15	15
YIELD (MT/HA)	5.88	5.78	5.50	4.46	3.89	2.39	3.33	3.00	4.67	4.67
PROD (1,000 Mt)	47	52	55	58	70	43	60	60	70	70
Total Grains										
AREA (1,000 Ha)	872	739	681	877	869	788	833	755	586	786
YIELD (MT/HA)	1.37	1.77	0.88	2.01	1.38	1.18	1.88	1.53	1.37	1.47
PROD (1,000 Mt)	1,195	1,309	597	1,759	1,195	929	1,563	1,157	802	1,157

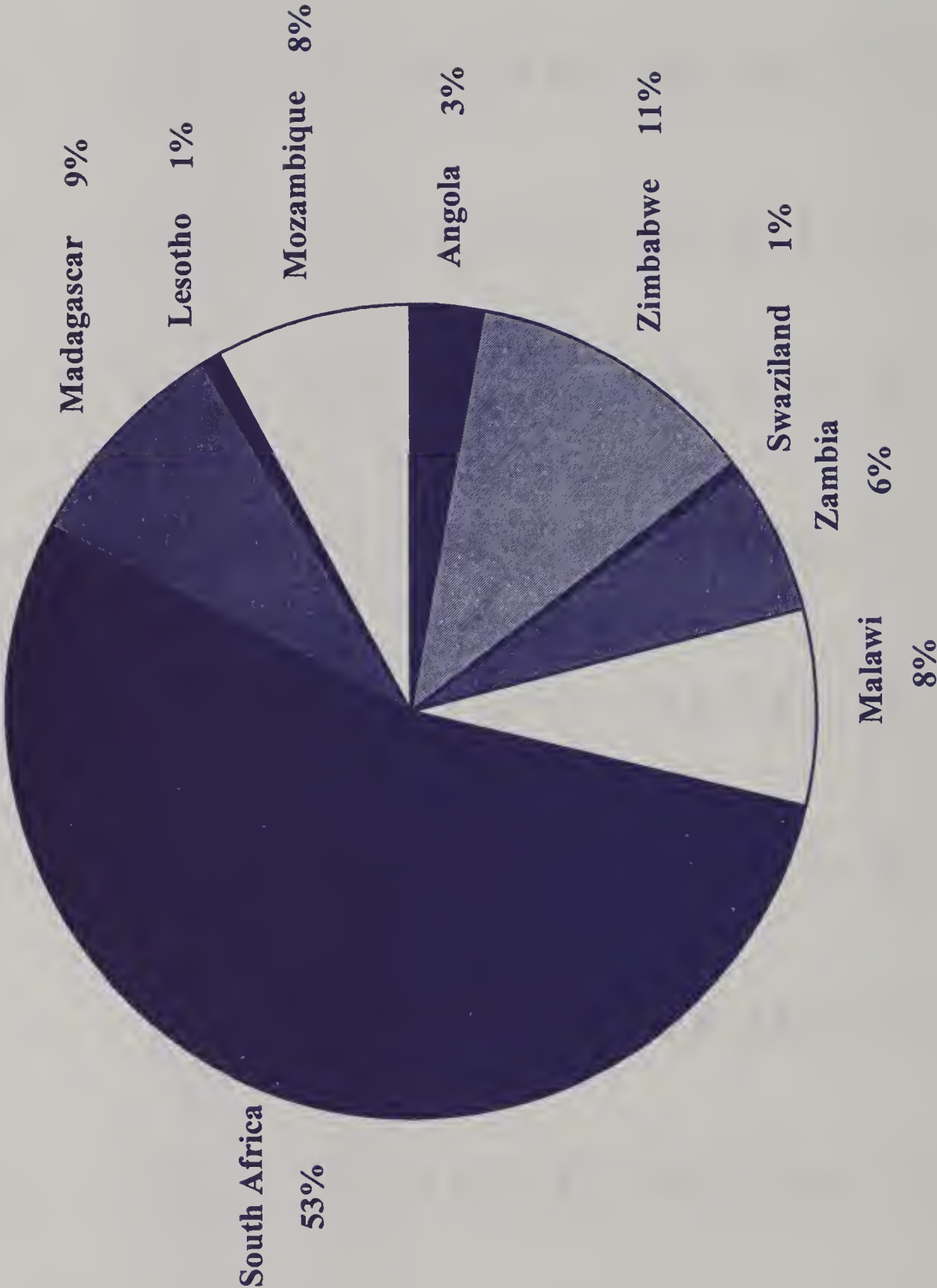
TABLE 25 (CONTINUED)

SOUTHERN AFRICA: AREA, YIELD AND PRODUCTION										
	1989/90	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Zimbabwe										
Barley										
AREA (1,000 Ha)	5	5	2	4	4	4	5	5	5	5
YIELD (MT/HA)	6.00	6.00	2.00	6.00	5.00	1.50	1.20	3.00	3.00	3.00
PROD (1,000 Mt)	30	30	4	24	20	6	6	15	15	15
Corn										
AREA (1,000 Ha)	1127	1101	880	1200	1400	1400	1550	1640	1225	1450
YIELD (MT/HA)	1.93	1.44	0.41	1.67	1.54	0.64	1.68	1.1	1.22	1.31
PROD (1,000 Mt)	2171	1586	360	2000	2160	889	2600	1800	1500	1900
Millet										
AREA (1,000 Ha)	233	250	200	300	300	258	200	200	200	200
YIELD (MT/HA)	0.61	0.52	0.14	0.26	0.26	0.12	0.60	0.50	0.28	0.50
PROD (1,000 Mt)	143	130	27	78	79	30	120	100	55	100
Sorghum										
AREA (1,000 Ha)	200	180	150	175	173	130	160	190	180	180
YIELD (MT/HA)	0.65	0.38	0.17	0.51	0.51	0.46	0.67	0.55	0.28	0.56
PROD (1,000 Mt)	130	68	25	90	88	60	107	105	50	100
Wheat										
AREA (1,000 Ha)	50	55	46	12	47	43	18	50	58	50
YIELD (MT/HA)	5.68	5.91	5.63	4.75	5.85	5.58	3.72	5.50	4.31	5.00
PROD (1,000 Mt)	284	325	259	57	275	240	67	275	250	250
Total Grains										
AREA (1,000 Ha)	1,615	1,591	1,278	1,691	1,924	1,835	1,933	2,085	1,668	1,885
YIELD (MT/HA)	1.71	1.34	0.53	1.33	1.36	0.67	1.50	1.10	1.12	1.25
PROD (1,000 Mt)	2,758	2,139	675	2,249	2,622	1,225	2,900	2,295	1,870	2,365
Southern Africa										
Total Grains										
AREA (1,000 Ha)	13,281	12,400	12,372	12,650	13,285	12,112	13,640	13,939	13,042	13,052
YIELD (MT/HA)	1.51	1.52	0.81	1.66	1.81	1.18	1.70	1.51	1.45	1.56
PROD (1,000 Mt)	20,033	18,835	10,077	21,049	24,051	14,253	23,199	21,113	18,876	20,426

CHART 1

Southern Africa Grain Production

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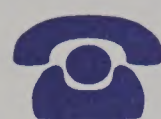
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